

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100522.D
 Acq On : 14 Nov 2017 2:52
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 08:39:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 02:37:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	120449	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	444121	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	168482	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	262335	20.00	ng	0.00
75) Chrysene-d12	14.06	240	250725	20.00	ng	-0.01
86) Perylene-d12	15.53	264	198590	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	612552	81.52	ng	0.00
7) Phenol-d6	6.52	99	735487	79.38	ng	0.00
23) Nitrobenzene-d5	7.46	82	648451	96.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	131705	76.71	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1072281	96.91	ng	-0.01
78) Terphenyl-d14	13.00	244	838062	76.80	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	147713	40.34	ng	96
3) Pyridine	3.45	79	400597	40.10	ng	93
4) n-Nitrosodimethylamine	3.40	42	191570	39.49	ng	97
6) Aniline	6.56	93	505631	38.63	ng	100
8) 2-Chlorophenol	6.68	128	322261	40.54	ng	97
9) Benzaldehyde	6.45	77	257585	38.93	ng	100
10) Phenol	6.53	94	390161	40.11	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	325636	39.86	ng	95
12) 1,3-Dichlorobenzene	6.83	146	371784	40.57	ng	100
13) 1,4-Dichlorobenzene	6.91	146	379096	40.87	ng	98
14) 1,2-Dichlorobenzene	7.06	146	348529	40.64	ng	98
15) Benzyl Alcohol	7.03	79	281082	38.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	518700	39.69	ng	97
17) 2-Methylphenol	7.14	107	271400	39.95	ng	99
18) Hexachloroethane	7.40	117	95722	31.30	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	240622	37.45	ng	93
20) 3+4-Methylphenols	7.29	107	329653	38.35	ng	92
22) Acetophenone	7.30	105	445216	41.11	ng	# 99
24) Nitrobenzene	7.47	77	331075	47.88	ng	99
25) Isophorone	7.72	82	576738	40.86	ng	99
26) 2-Nitrophenol	7.79	139	144249	44.89	ng	92
27) 2,4-Dimethylphenol	7.82	122	268135	42.37	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	391619	42.41	ng	99
29) 2,4-Dichlorophenol	8.03	162	254078	42.06	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	276706	42.34	ng	96
31) Naphthalene	8.20	128	870050	40.67	ng	99
32) Benzoic acid	7.92	122	150137	34.30	ng	96
33) 4-Chloroaniline	8.25	127	363921	40.87	ng	99
34) Hexachlorobutadiene	8.31	225	169588	43.65	ng	100
35) Caprolactam	8.61	113	73838	35.62	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	247974	38.22	ng	99
37) 2-Methylnaphthalene	8.89	142	546609	38.49	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	286562	51.28	ng	# 96
40) Hexachlorocyclopentadiene	9.04	237	10896	4.14	ng	93

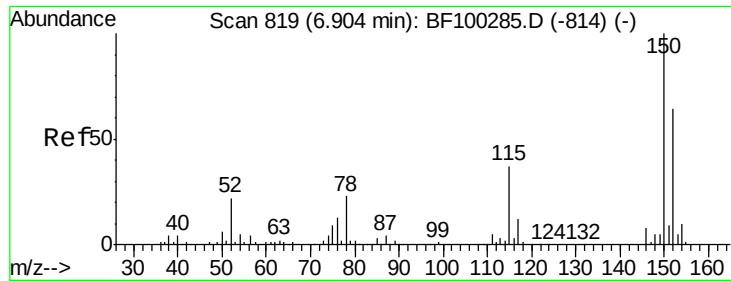
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100522.D
 Acq On : 14 Nov 2017 2:52
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 08:39:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 02:37:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	165898	46.85	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	167427	45.63	nq	97
45) 1,1'-Biphenyl	9.35	154	686773	47.13	nq	99
46) 2-Chloronaphthalene	9.37	162	481799	45.58	nq	96
47) 2-Nitroaniline	9.47	65	158804	50.67	nq	93
48) Acenaphthylene	9.79	152	738795	42.17	nq	99
49) Dimethylphthalate	9.65	163	604486	46.99	nq	100
50) 2,6-Dinitrotoluene	9.71	165	111570	43.82	nq	97
51) Acenaphthene	9.96	154	427453	40.12	nq	98
52) 3-Nitroaniline	9.88	138	137723	45.80	nq	98
53) 2,4-Dinitrophenol	9.98	184	2490	10.86	nq	# 38
54) Dibenzofuran	10.13	168	602159	40.32	nq	99
55) 4-Nitrophenol	10.03	139	83407	34.16	nq	93
56) 2,4-Dinitrotoluene	10.11	165	125130	38.95	nq	# 96
57) Fluorene	10.48	166	440621	40.28	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	113543	37.76	nq	# 86
59) Diethylphthalate	10.34	149	563951	43.81	nq	97
60) 4-Chlorophenyl-phenylether	10.47	204	231786	43.19	nq	90
61) 4-Nitroaniline	10.49	138	123179	43.20	nq	88
62) Azobenzene	10.63	77	450286	37.14	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	7660	13.32	nq	# 69
65) n-Nitrosodiphenylamine	10.59	169	440081	48.25	nq	95
66) 4-Bromophenyl-phenylether	10.96	248	134306	47.76	nq	# 89
67) Hexachlorobenzene	11.03	284	128343	43.64	nq	# 84
68) Atrazine	11.11	200	113248	41.01	nq	96
69) Pentachlorophenol	11.22	266	83795	39.73	nq	96
70) Phenanthrene	11.44	178	588849	42.63	nq	98
71) Anthracene	11.49	178	592008	42.25	nq	100
72) Carbazole	11.64	167	538115	41.62	nq	99
73) Di-n-butylphthalate	11.97	149	714778	47.24	nq	99
74) Fluoranthene	12.63	202	647687	44.25	nq	98
76) Benzidine	12.75	184	395684	39.41	nq	100
77) Pyrene	12.86	202	680810	38.09	nq	99
79) Butylbenzylphthalate	13.47	149	298311	40.93	nq	96
80) Benzo(a)anthracene	14.04	228	645081	42.72	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	260788	48.21	nq	98
82) Chrysene	14.08	228	601076	41.11	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	437565	45.64	nq	98
84) Di-n-octyl phthalate	14.64	149	779987	47.36	nq	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	424607	35.90	nq	95
87) Benzo(b)fluoranthene	15.10	252	497836	42.31	nq	98
88) Benzo(k)fluoranthene	15.13	252	516579	46.47	nq	97
89) Benzo(a)pyrene	15.47	252	443794	42.55	nq	100
90) Dibenzo(a,h)anthracene	17.04	278	361885	42.42	nq	96
91) Benzo(g,h,i)perylene	17.47	276	343290	41.11	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

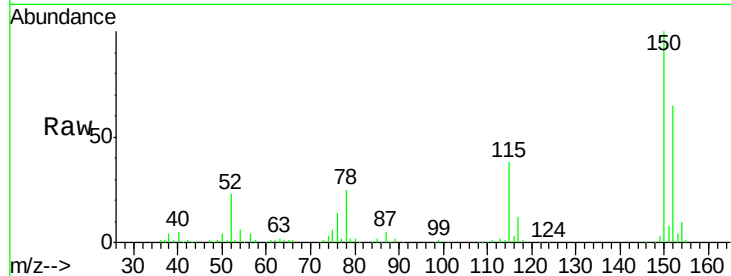


#1

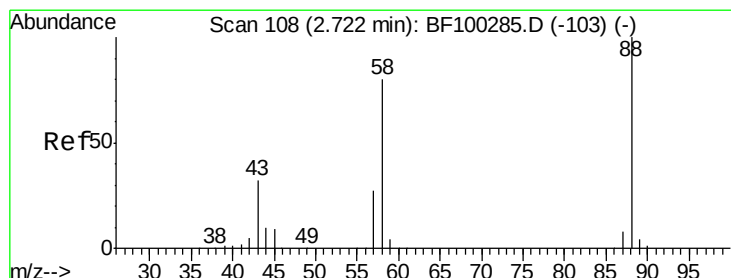
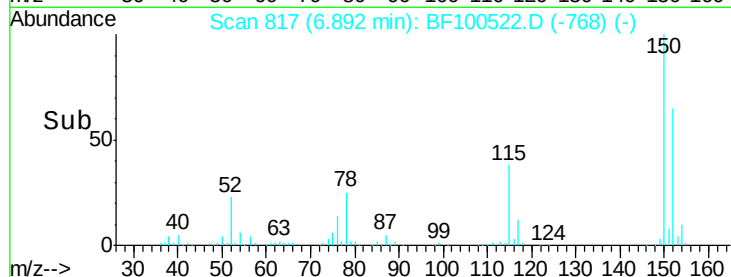
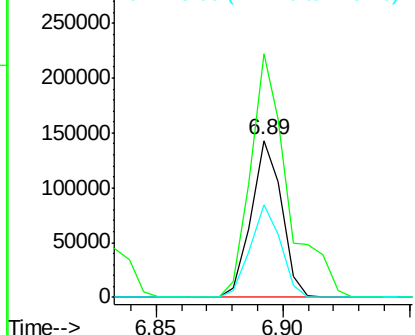
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 120449
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 59.2 50.1 75.1



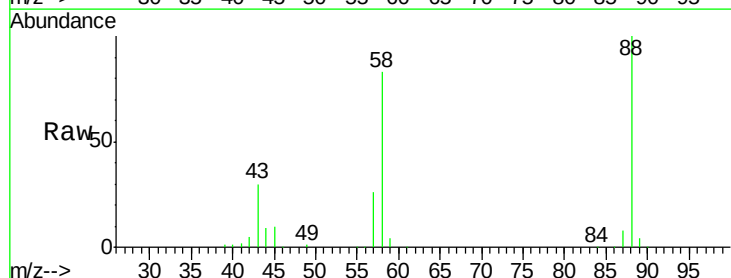
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



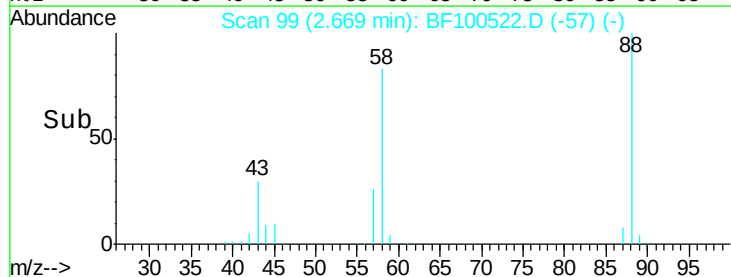
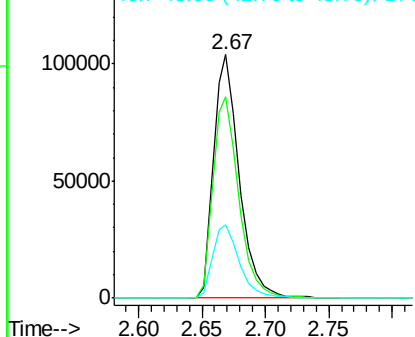
#2

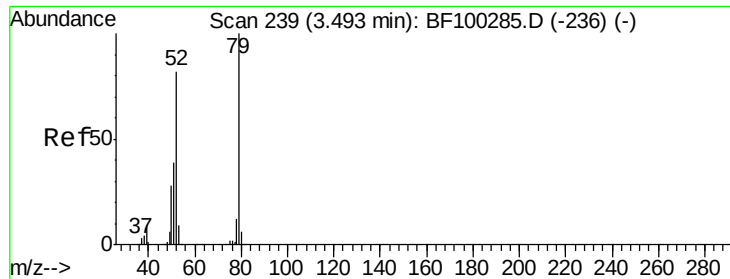
1,4-Dioxane
Concen: 40.34 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.05 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion: 88 Resp: 147713
Ion Ratio Lower Upper
88 100
58 83.1 62.6 93.8
43 31.1 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.10 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.05 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampled :

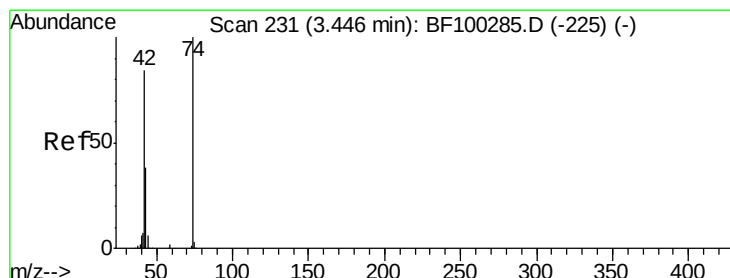
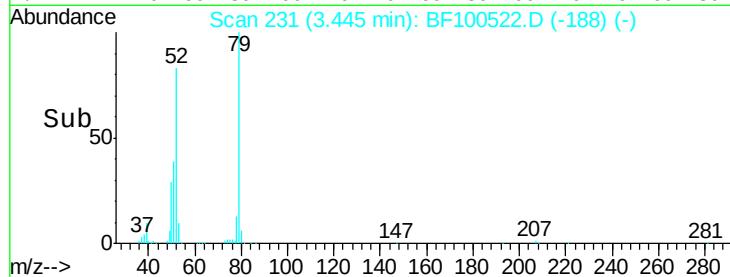
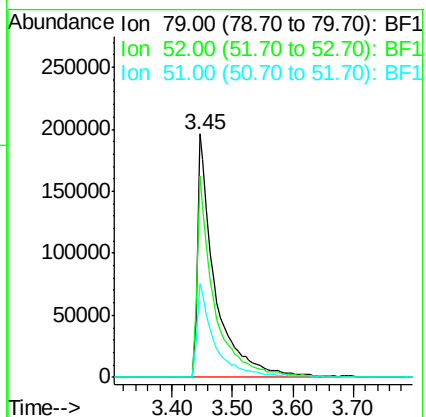
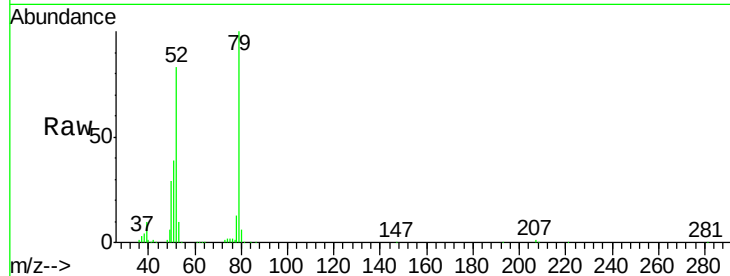
Tot Ion: 79 Resp: 400597

Ion Ratio Lower Upper

79 100

52 82.5 59.8 89.6

51 38.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.49 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.04 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

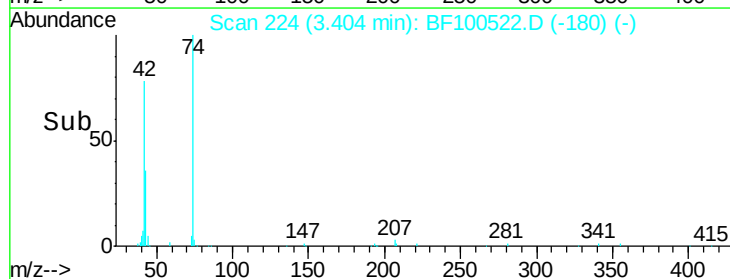
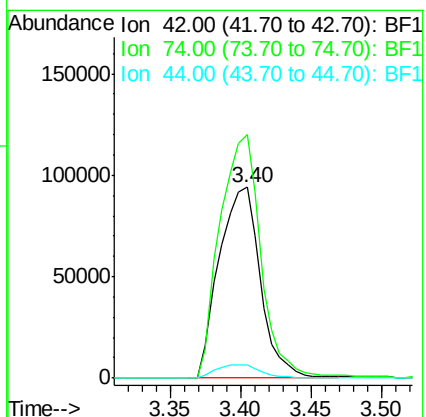
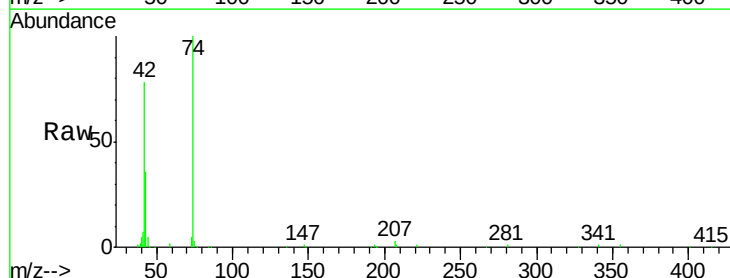
Tgt Ion: 42 Resp: 191570

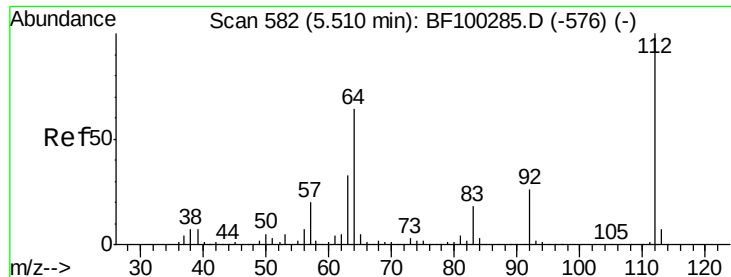
Ion Ratio Lower Upper

42 100

74 127.5 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 81.52 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF100522.D

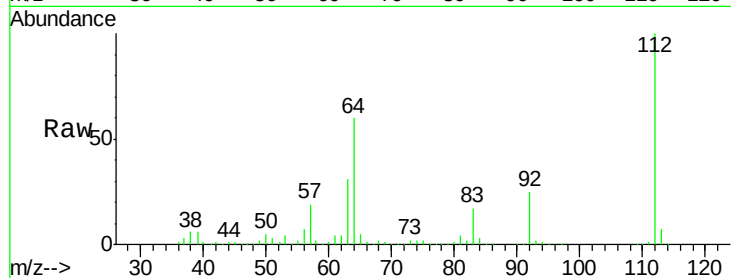
Acq: 14 Nov 2017 2:52

Instrument :

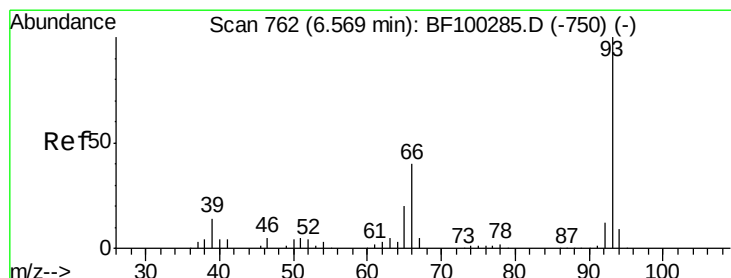
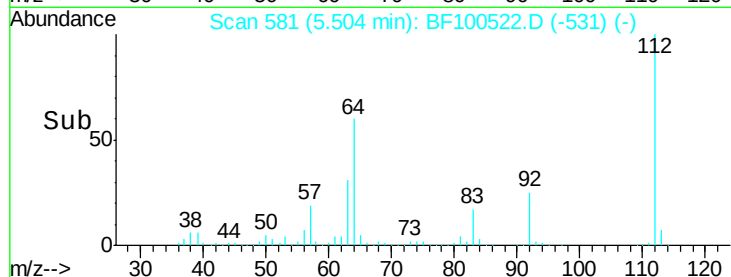
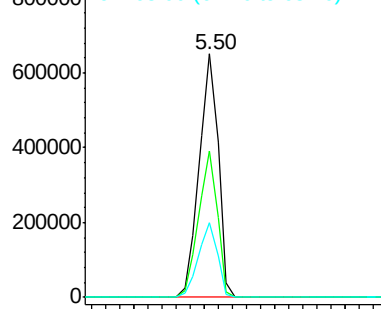
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	612552
Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 38.63 ng

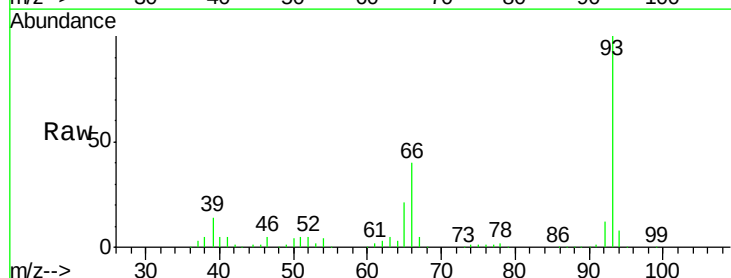
RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

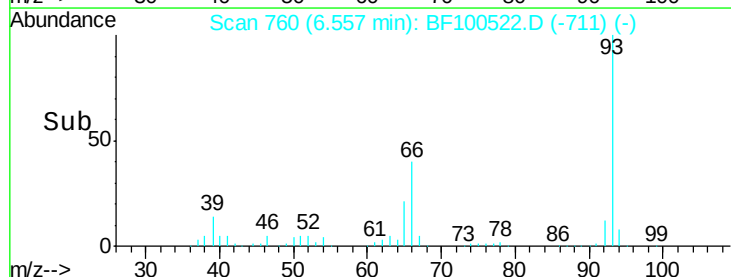
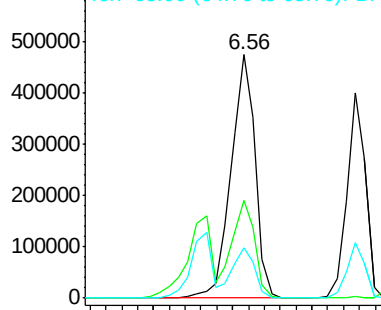
Lab File: BF100522.D

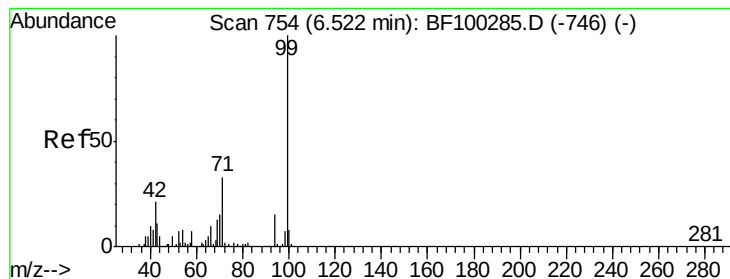
Acq: 14 Nov 2017 2:52

Tgt Ion:	93	Resp:	505631
Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.2	48.2
65	20.7	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 79.38 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampleId :

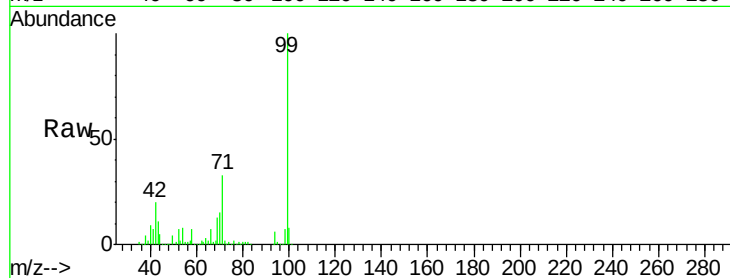
Tot Ion: 99 Resp: 735487

Ion Ratio Lower Upper

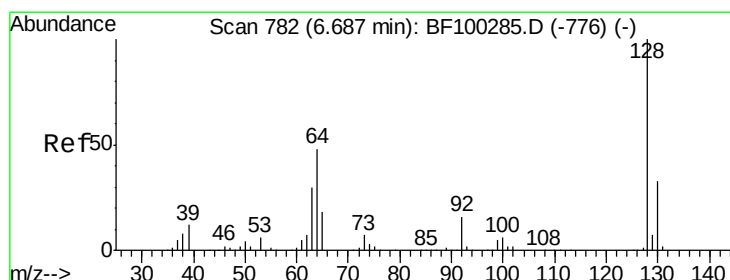
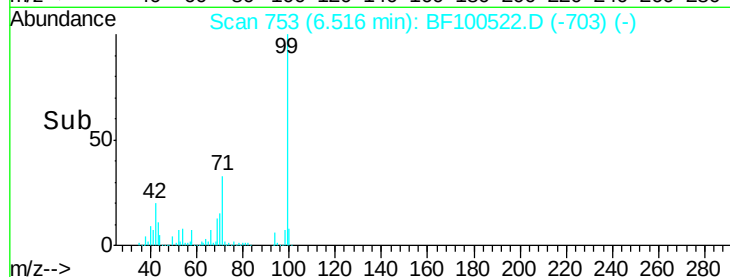
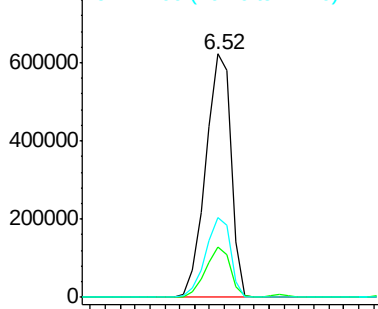
99 100

42 20.5 14.5 21.7

71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.54 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

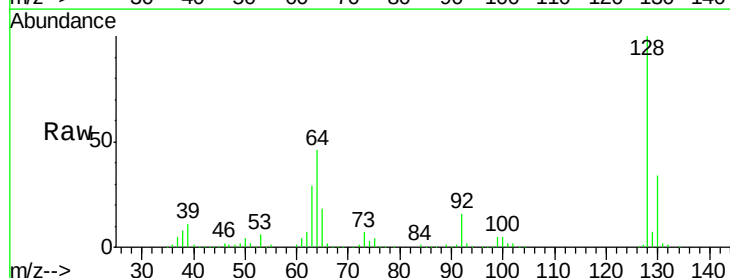
Tgt Ion: 128 Resp: 322261

Ion Ratio Lower Upper

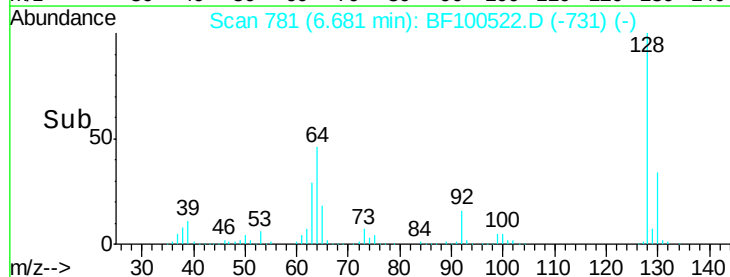
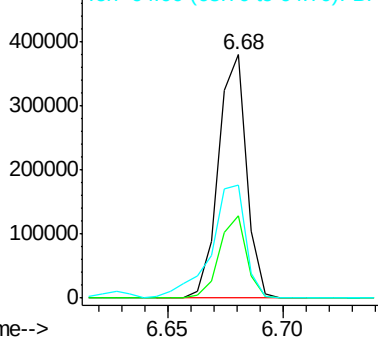
128 100

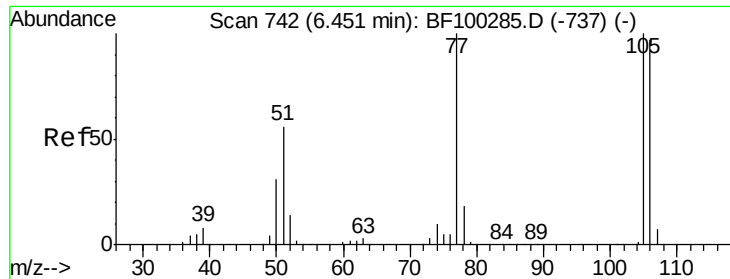
130 33.6 13.0 53.0

64 46.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.93 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampled :

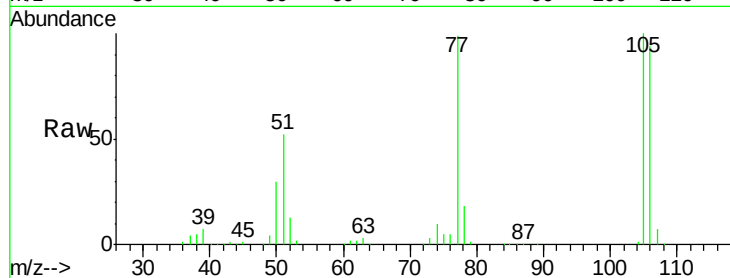
Tot Ion: 77 Resp: 257585

Ion Ratio Lower Upper

77 100

105 100.9 81.1 121.1

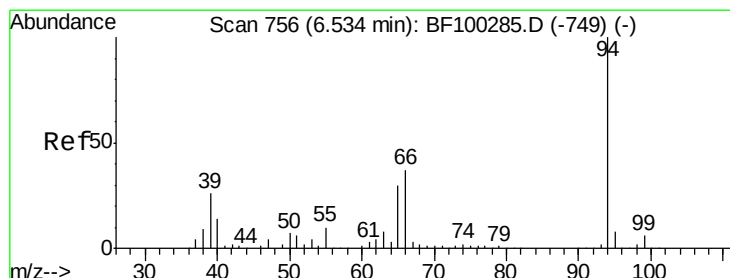
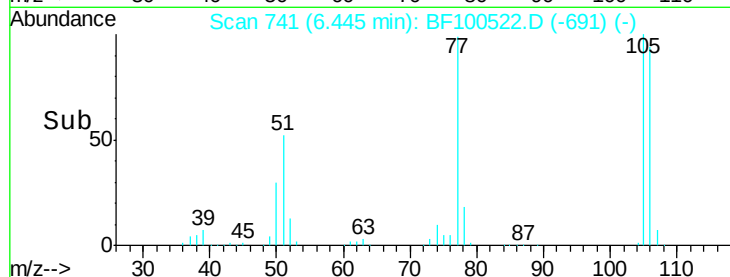
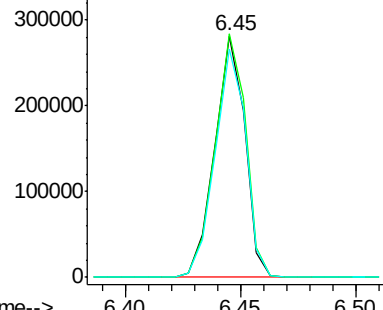
106 94.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.11 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

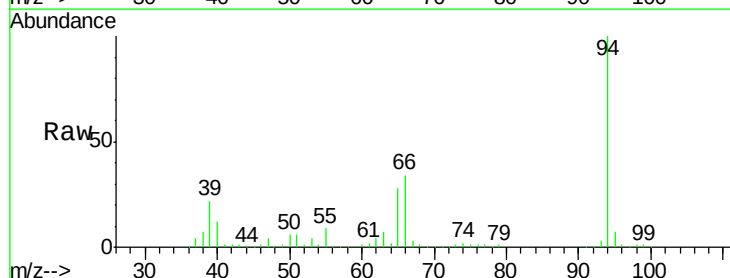
Tgt Ion: 94 Resp: 390161

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

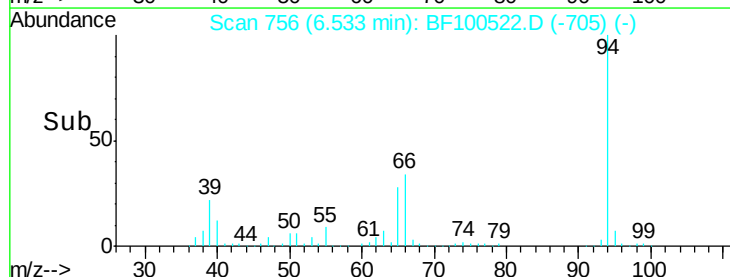
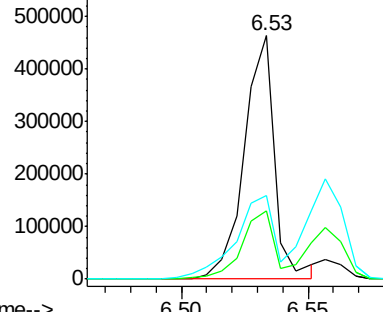
66 34.5 16.2 56.2

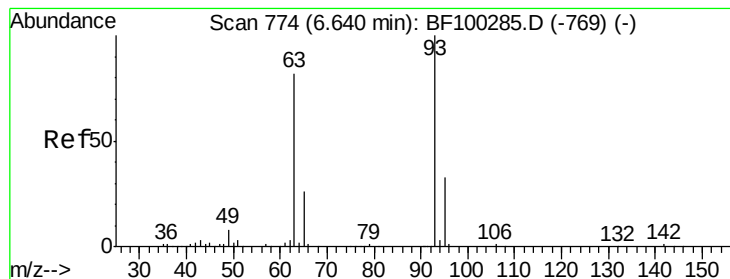


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.86 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampled :

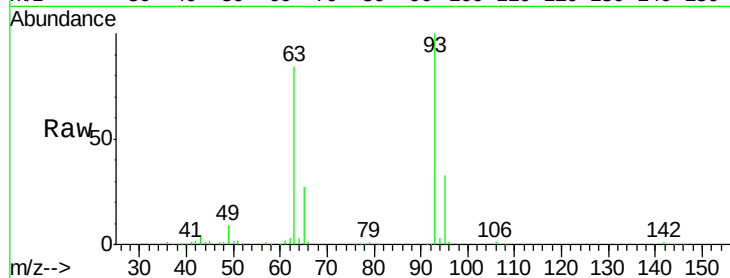
Tot Ion: 93 Resp: 325636

Ion Ratio Lower Upper

93 100

63 83.7 58.6 98.6

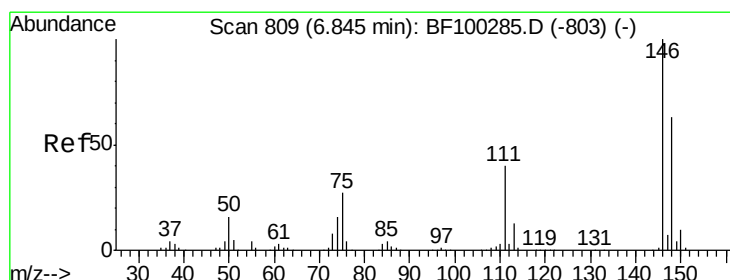
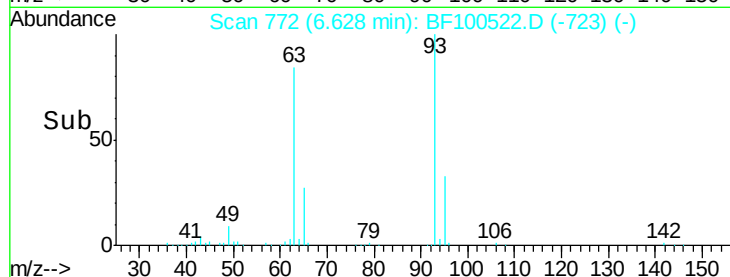
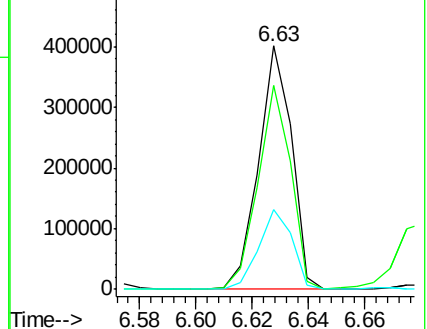
95 32.9 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.57 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

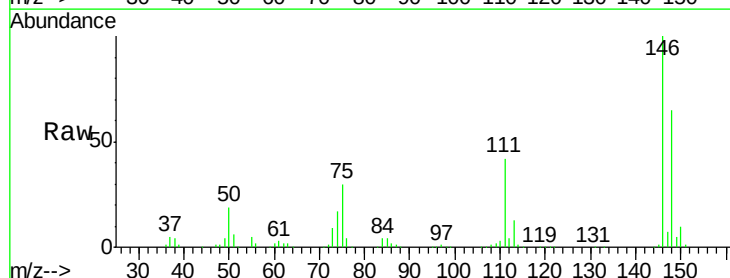
Tgt Ion: 146 Resp: 371784

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

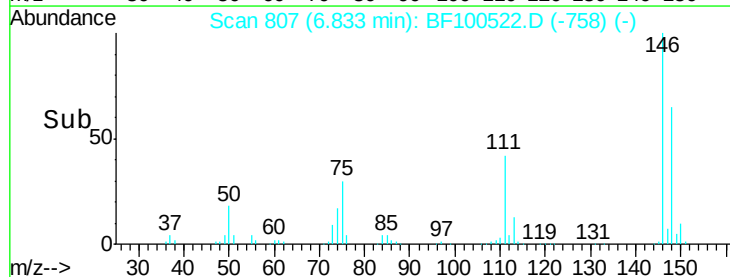
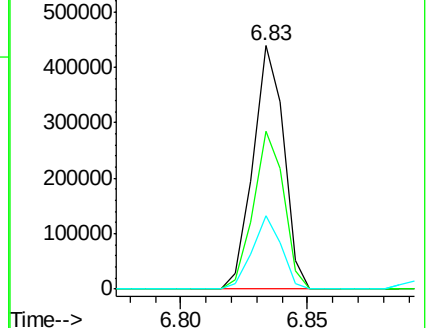
75 30.1 24.2 36.4

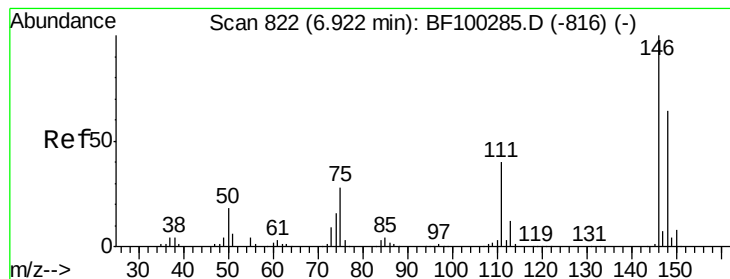


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.87 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampled :

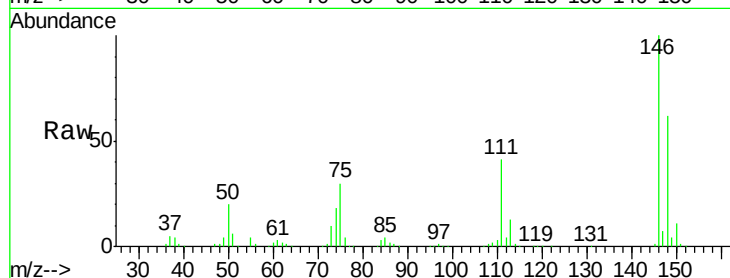
Tot Ion:146 Resp: 379096

Ion Ratio Lower Upper

146 100

148 62.3 50.8 76.2

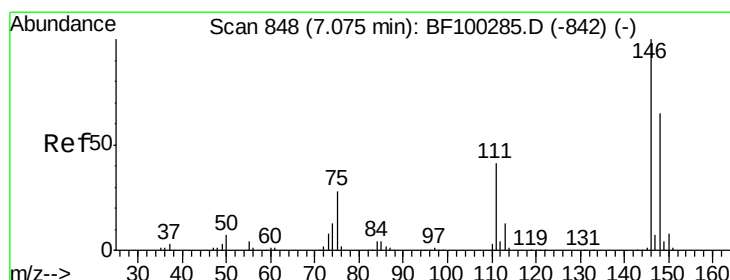
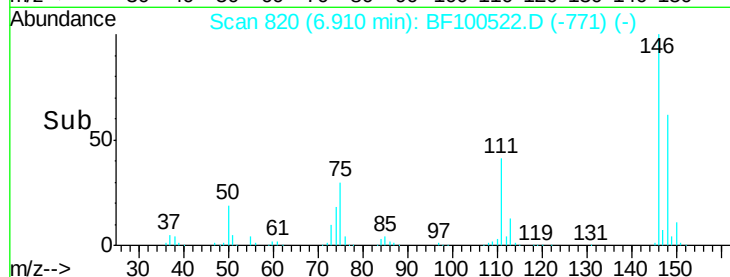
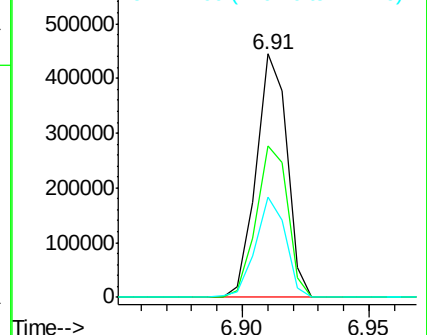
111 41.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.64 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

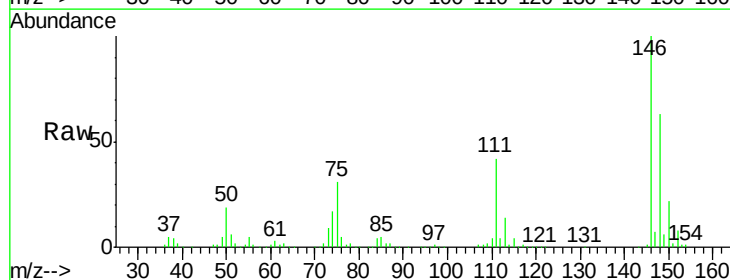
Tgt Ion:146 Resp: 348529

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

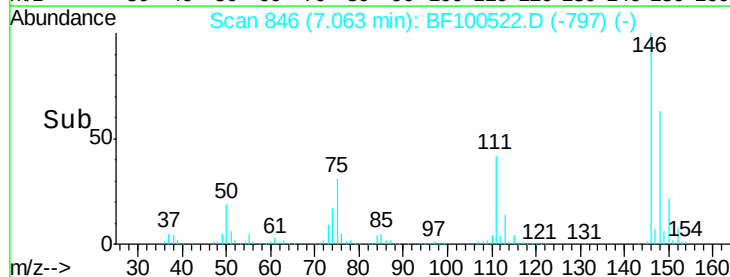
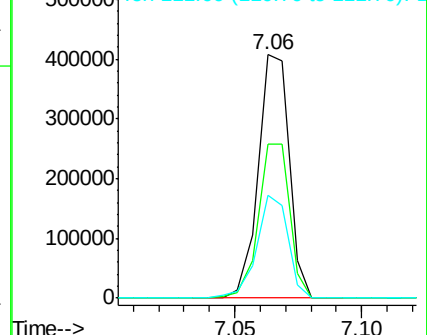
111 42.2 36.0 54.0

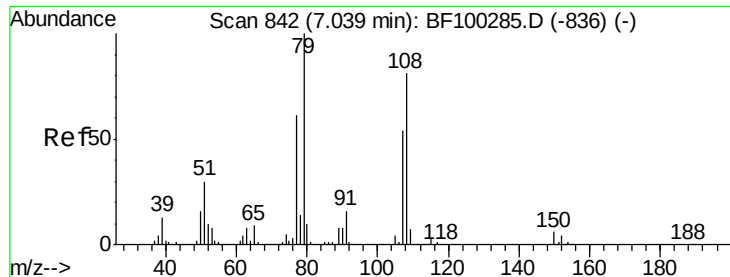


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.87 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampleId :

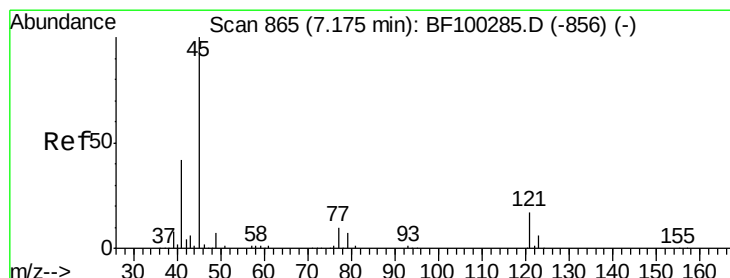
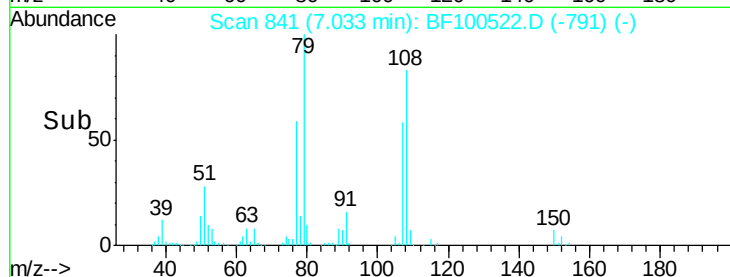
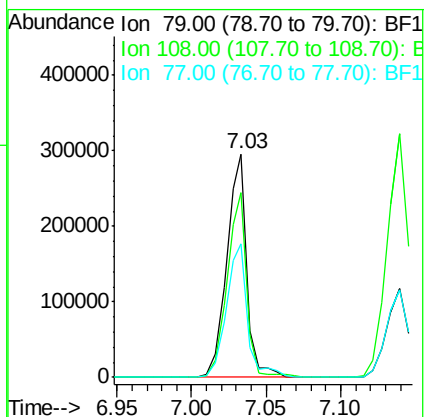
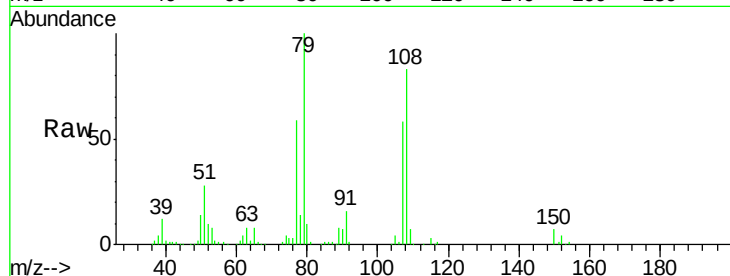
Tot Ion: 79 Resp: 281082

Ion Ratio Lower Upper

79 100

108 82.6 65.1 97.7

77 59.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.69 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

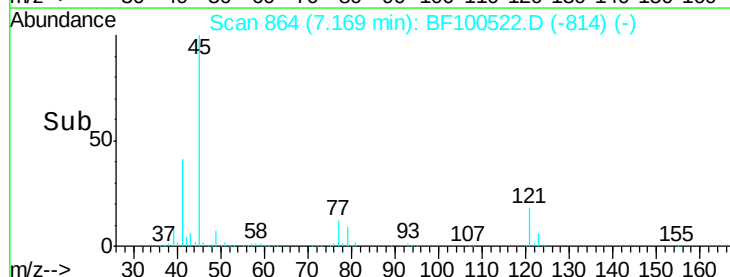
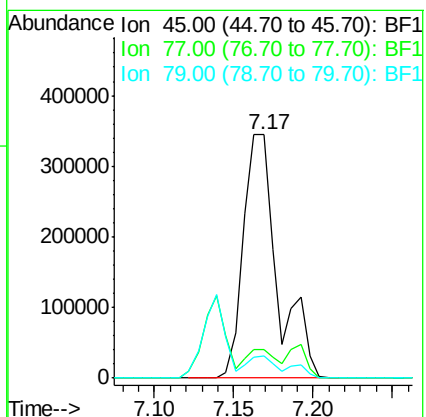
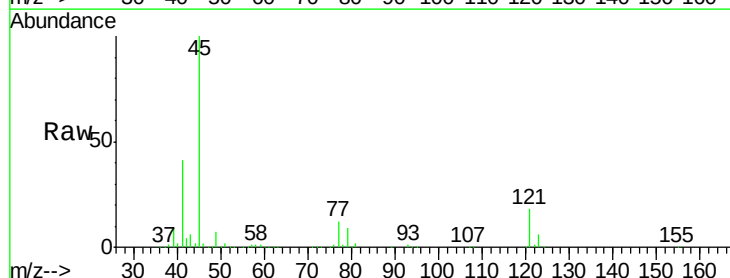
Tgt Ion: 45 Resp: 518700

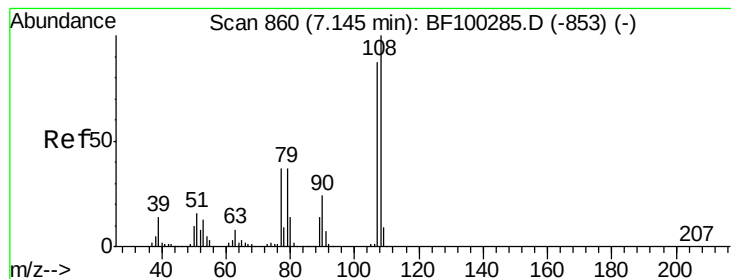
Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.9

79 9.0 0.0 29.6





#17

2-Methylphenol

Concen: 39.95 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 271400

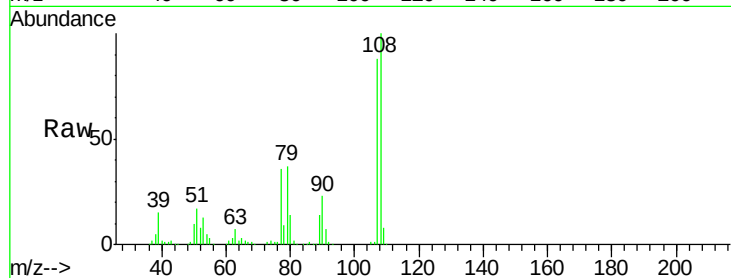
Ion Ratio Lower Upper

107 100

108 113.8 91.7 137.5

77 41.0 33.8 50.8

79 41.6 33.8 50.8

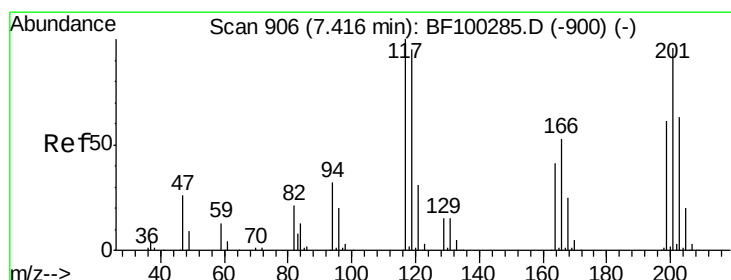
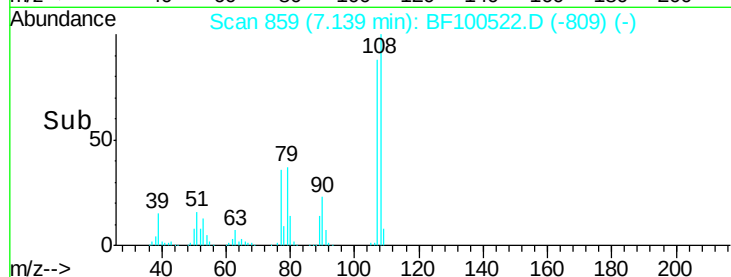
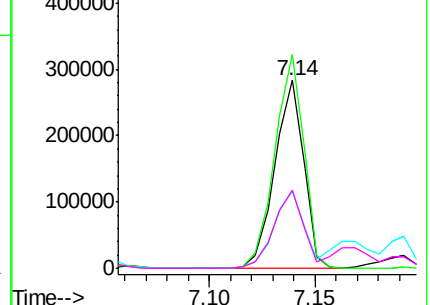


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 31.30 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

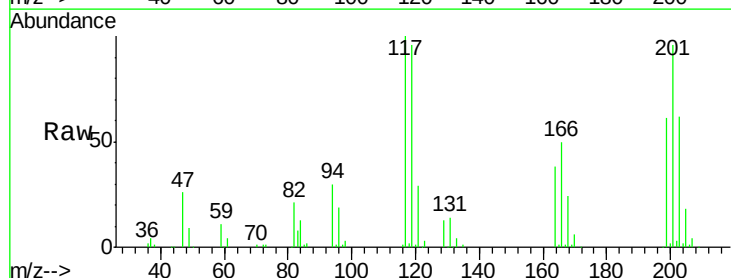
Tgt Ion:117 Resp: 95722

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

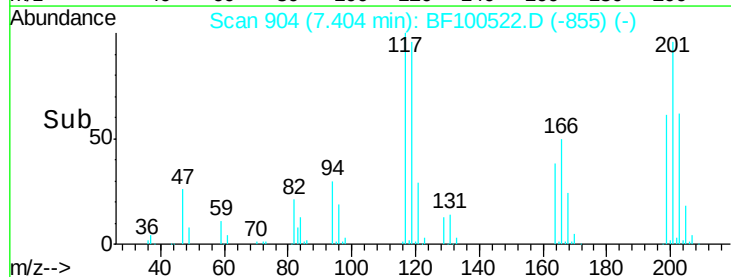
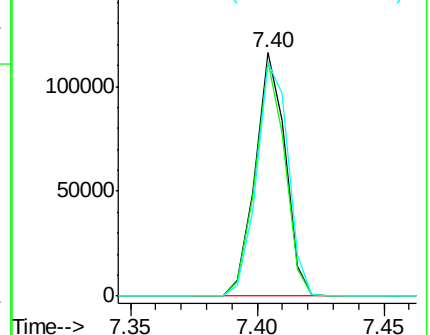
201 96.0 75.7 113.5

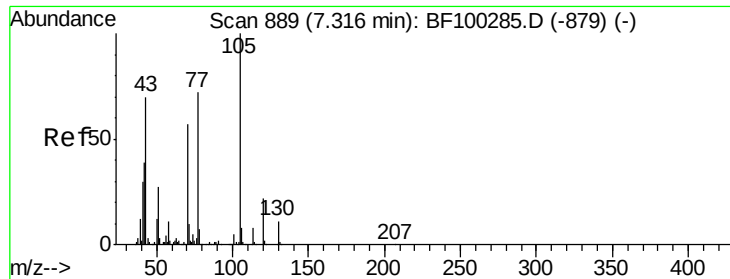


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

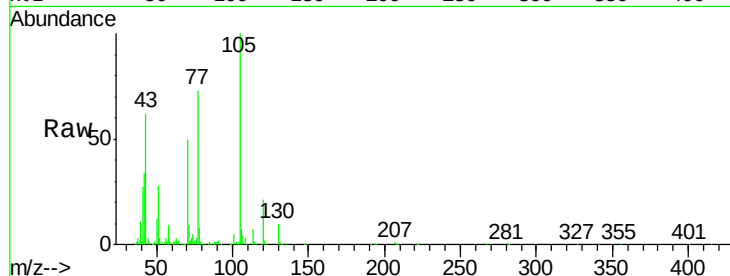




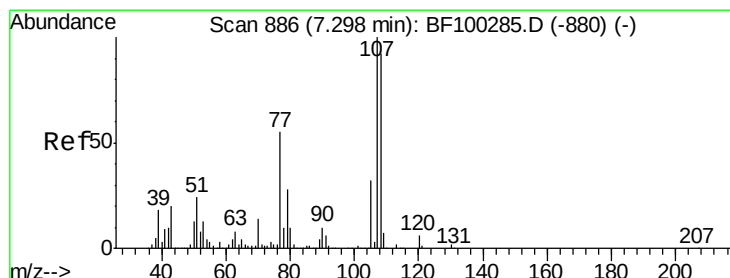
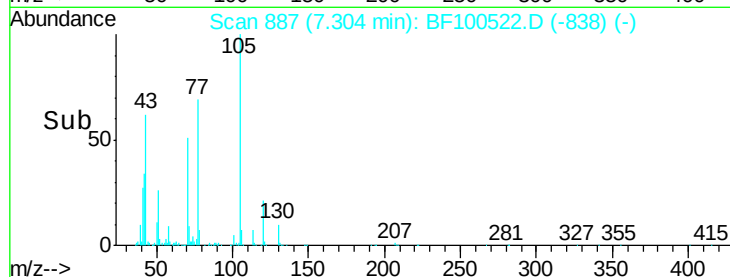
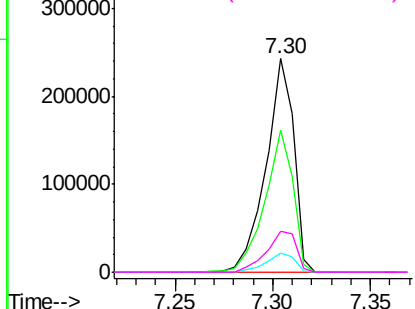
#19
n-Nitroso-di-n-propylamine
Concen: 37.45 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	240622
Ion	Ratio	Lower	Upper
70	100		
42	66.5	47.5	71.3
101	9.3	7.4	11.2
130	19.4	16.6	25.0

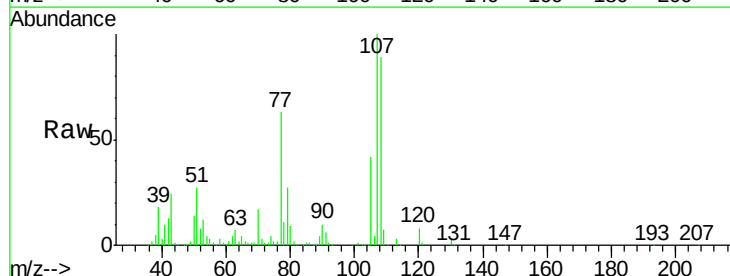


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

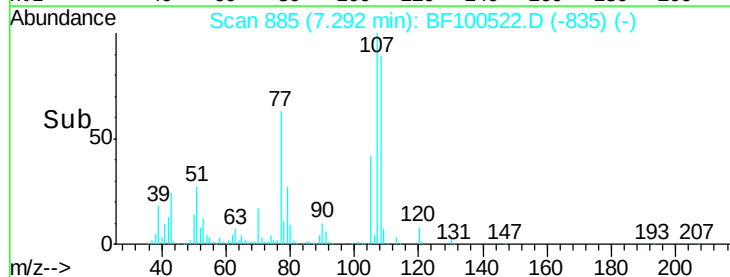
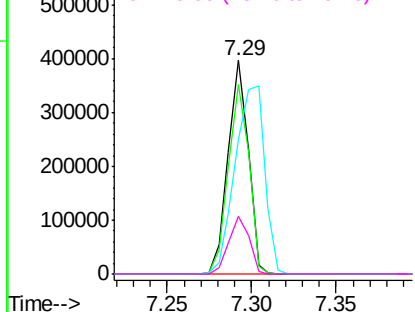


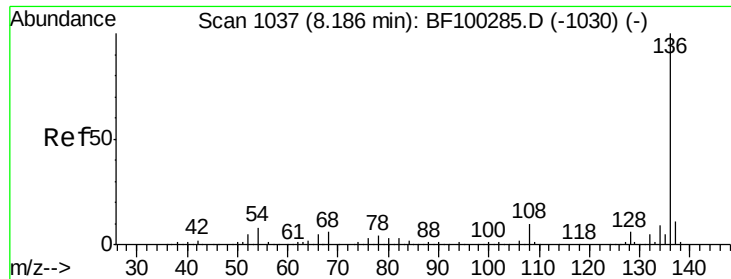
#20
3+4-Methylphenols
Concen: 38.35 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion:	107	Resp:	329653
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	62.7	26.7	66.7
79	27.0	6.3	46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

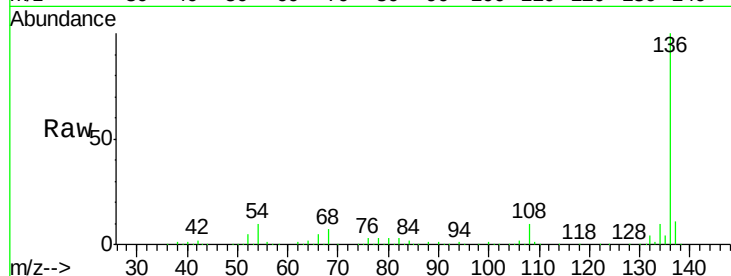




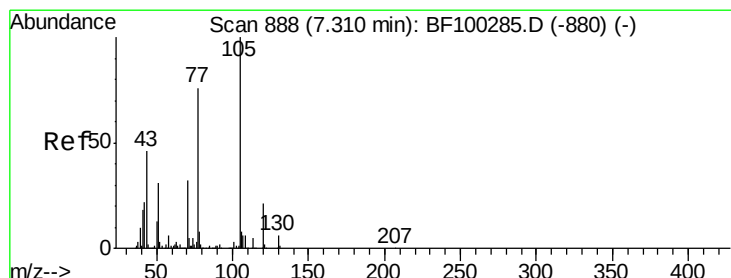
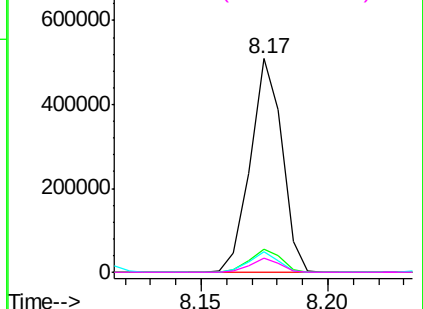
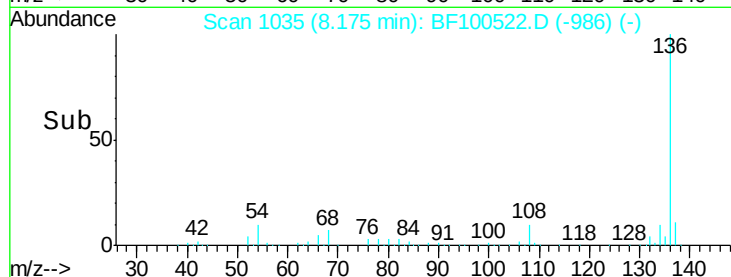
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	444121
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	9.5	6.6 9.8
68	6.5	5.0 7.4

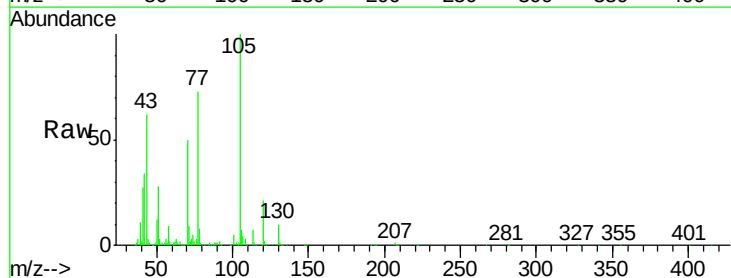


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

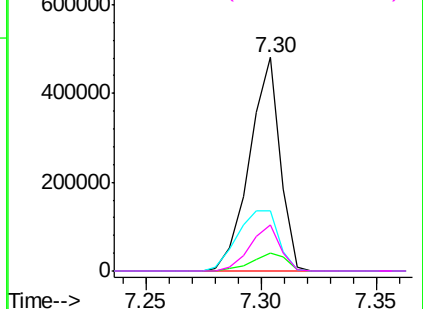
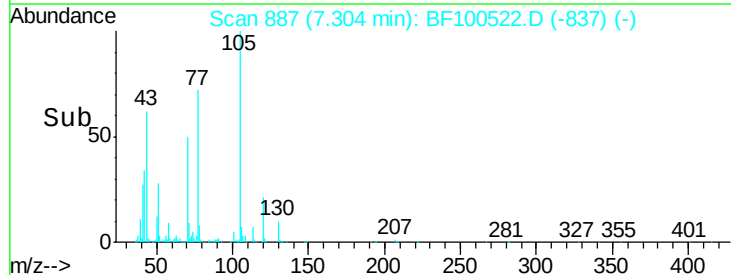


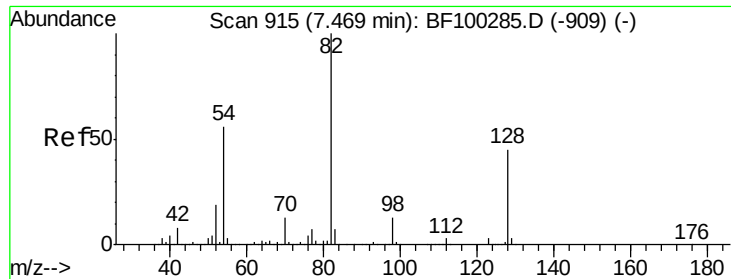
#22
Acetophenone
Concen: 41.11 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion:105	Resp:	445216
Ion Ratio	Lower	Upper
105	100	
71	8.5	4.4 6.6#
51	27.9	22.3 33.5
120	21.4	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

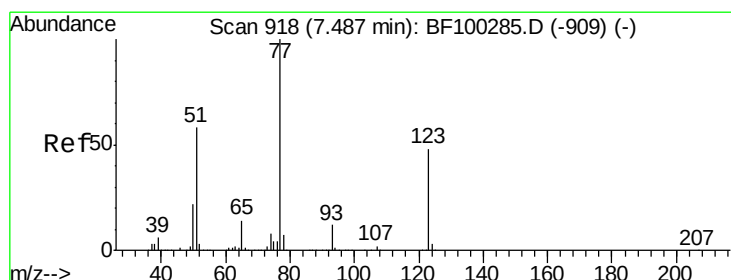
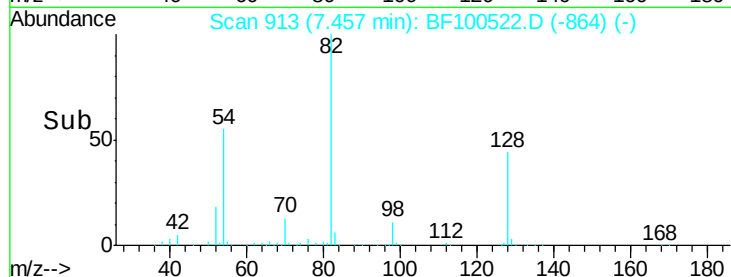
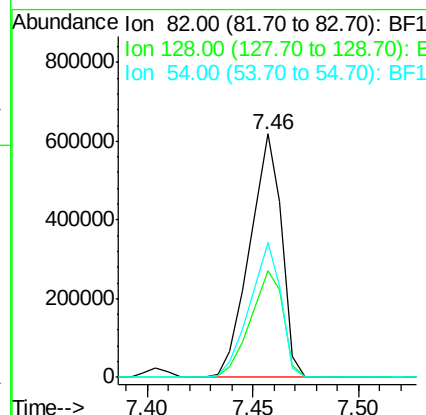
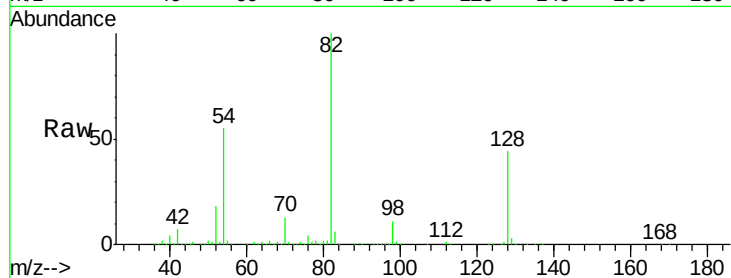




#23
 Nitrobenzene-d5
 Concen: 96.53 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

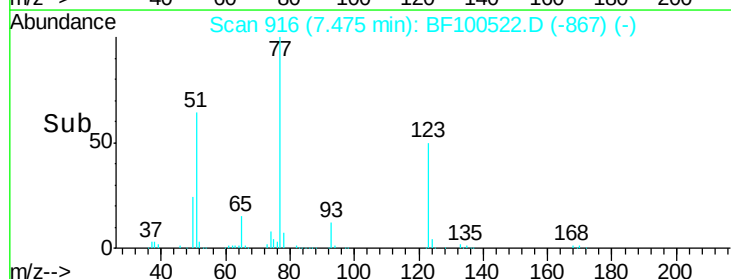
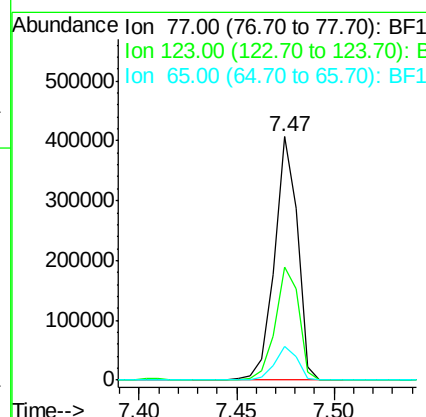
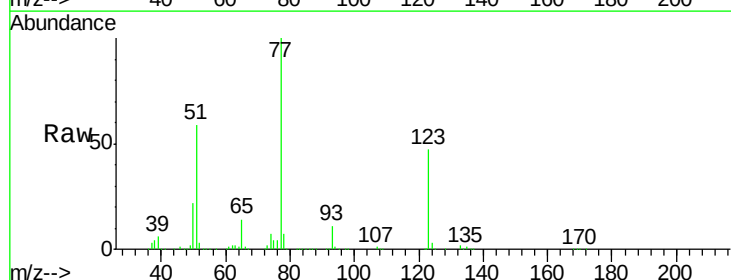
Instrument :
 BNA_F
 ClientSampleId :

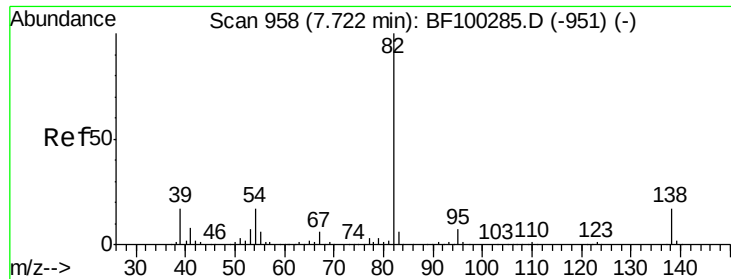
Tot Ion	82	Resp	648451
Ion Ratio	Lower	Upper	
82	100		
128	44.0	36.1	54.1
54	55.1	41.4	62.2



#24
 Nitrobenzene
 Concen: 47.88 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion	77	Resp	331075
Ion Ratio	Lower	Upper	
77	100		
123	46.6	37.9	56.9
65	13.8	11.0	16.4

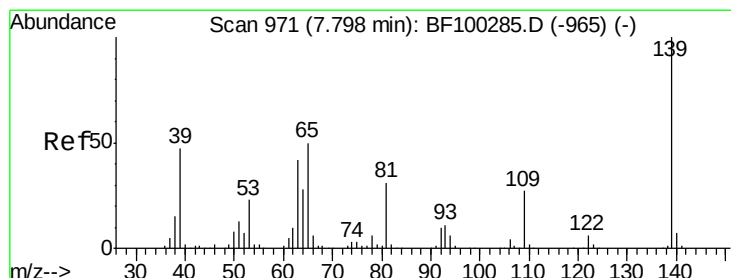
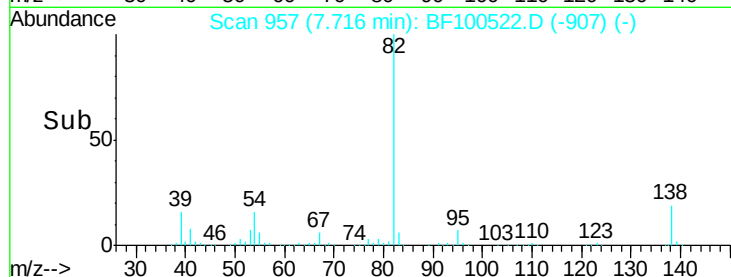
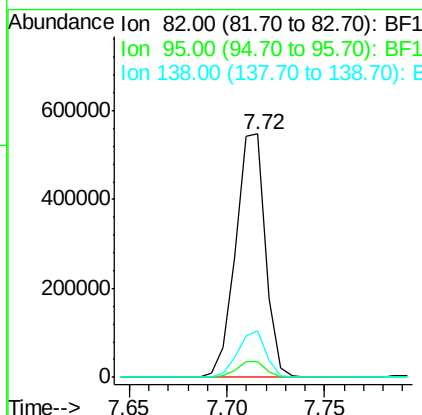
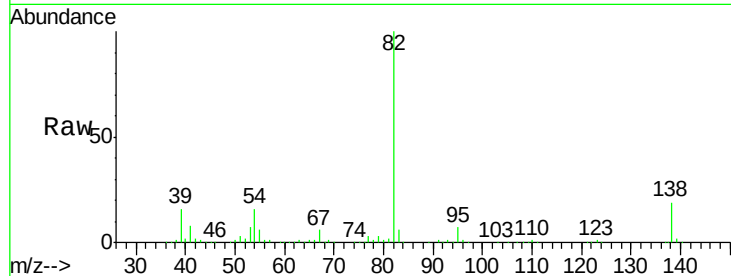




#25
Isophorone
Concen: 40.86 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

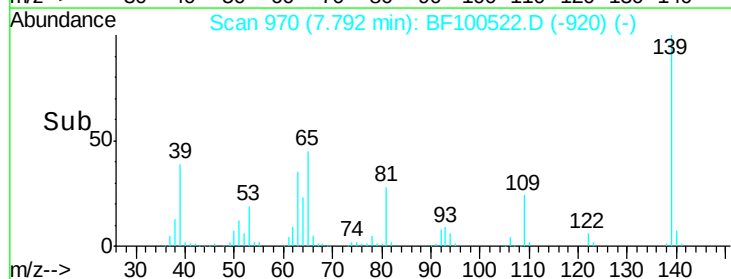
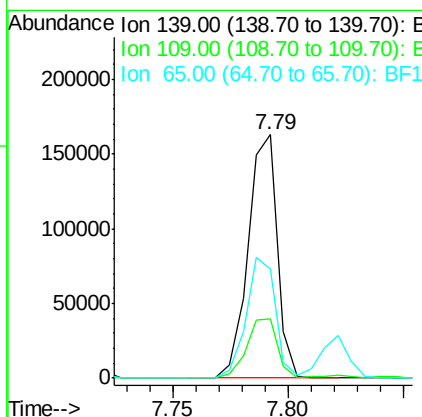
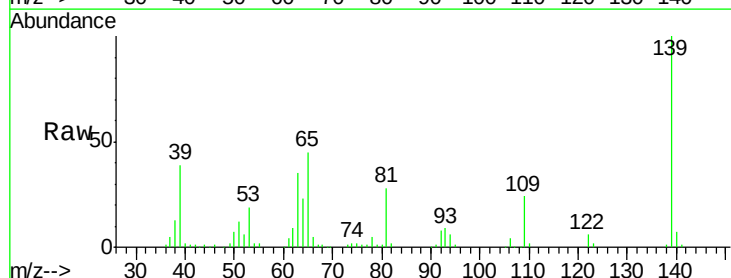
Instrument :
BNA_F
ClientSampleId :

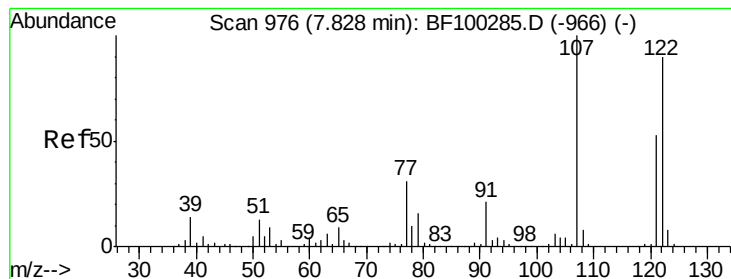
Tot Ion: 82 Resp: 576738
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 19.3 14.9 22.3



#26
2-Nitrophenol
Concen: 44.89 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion: 139 Resp: 144249
Ion Ratio Lower Upper
139 100
109 24.4 22.7 34.1
65 44.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 42.37 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampled :

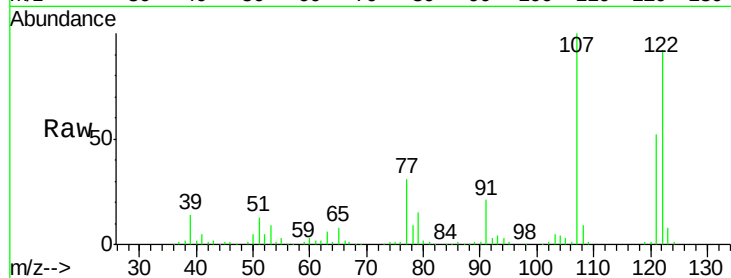
Tot Ion:122 Resp: 268135

Ion Ratio Lower Upper

122 100

107 109.0 91.2 136.8

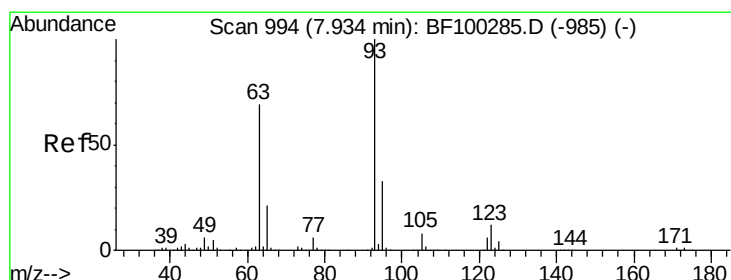
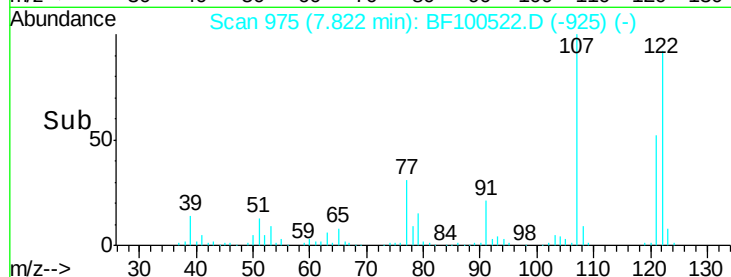
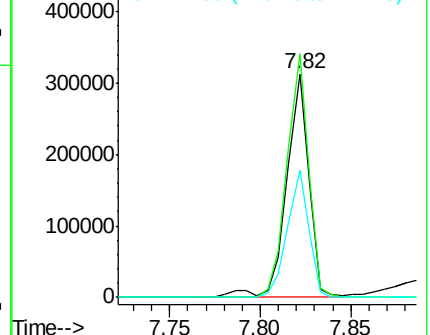
121 57.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.41 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

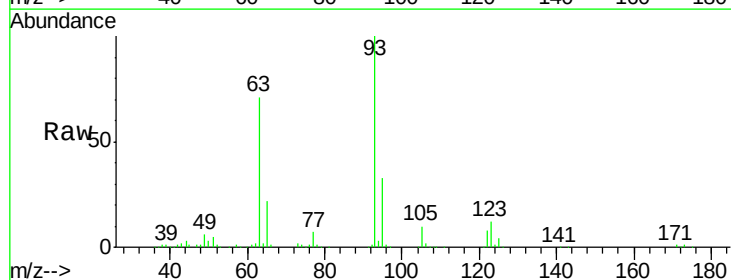
Tgt Ion: 93 Resp: 391619

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

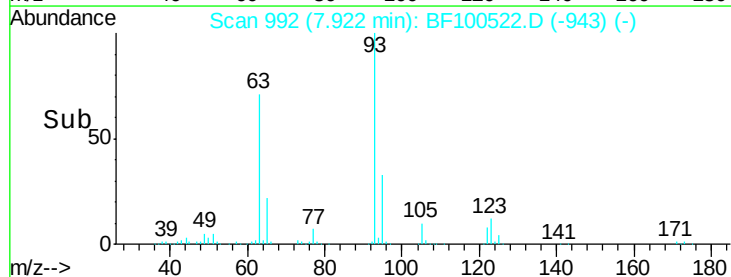
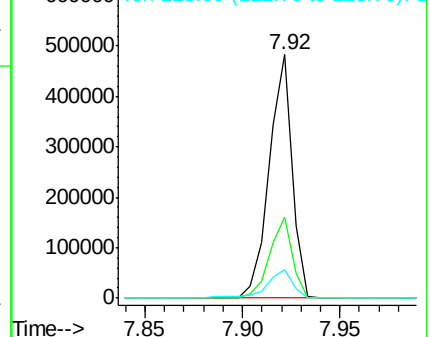
123 11.8 9.8 14.6

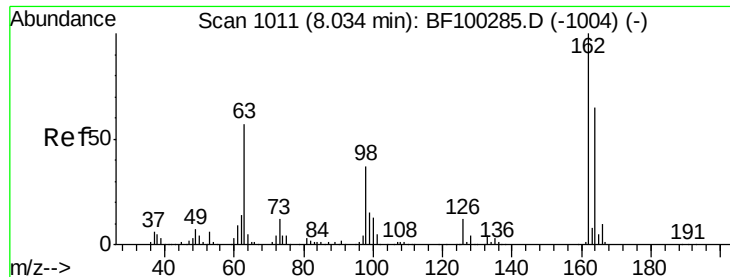


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

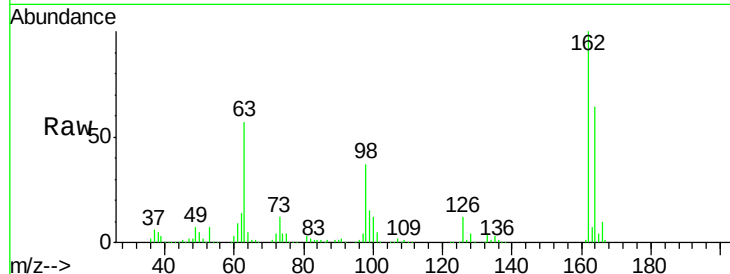




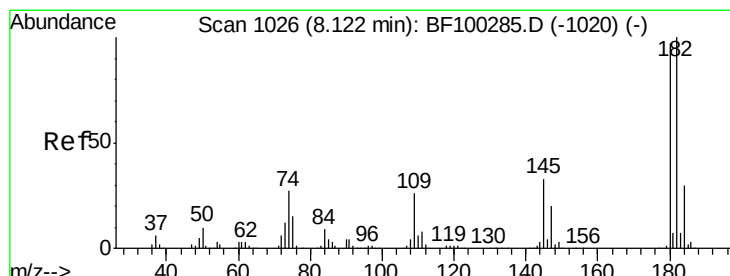
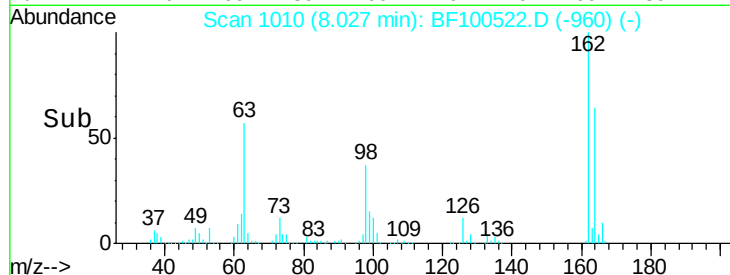
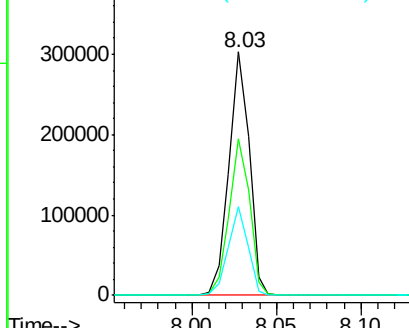
#29
 2,4-Dichlorophenol
 Concen: 42.06 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	36.5	18.1	58.1

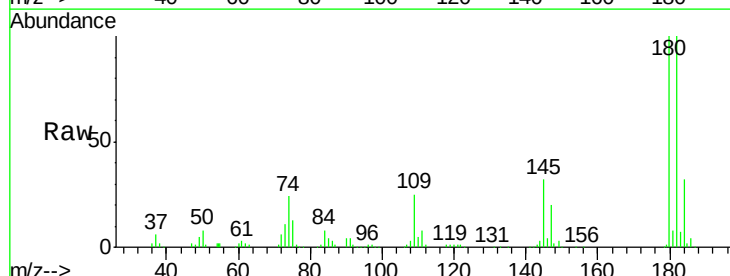


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

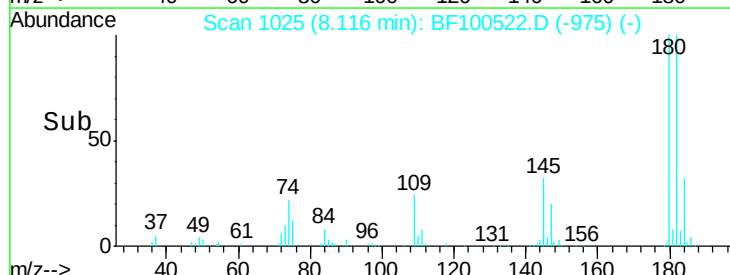
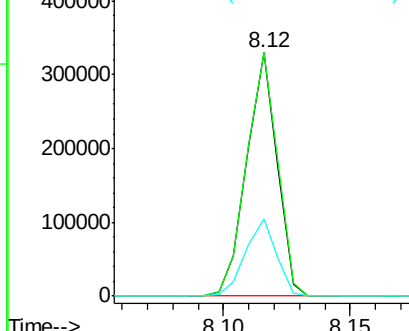


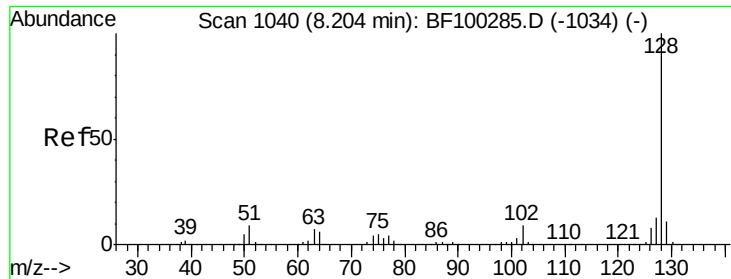
#30
 1,2,4-Trichlorobenzene
 Concen: 42.34 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.8	115.2
145	31.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

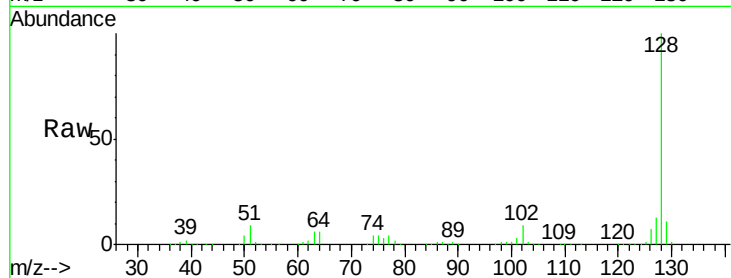




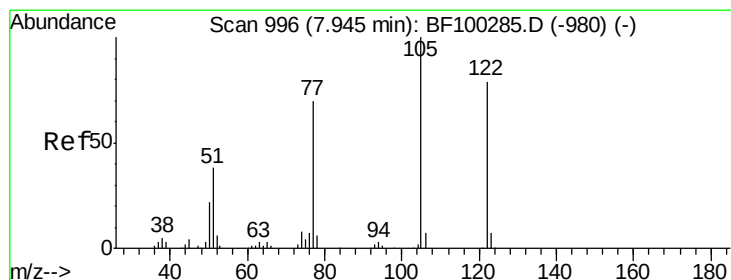
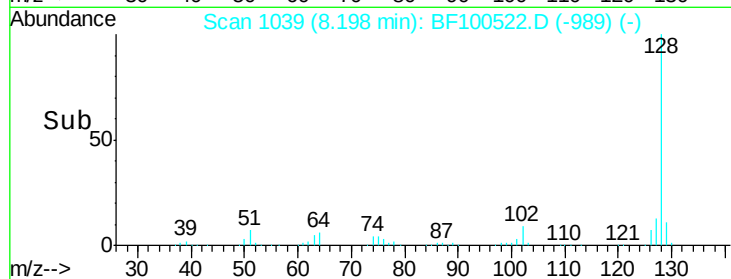
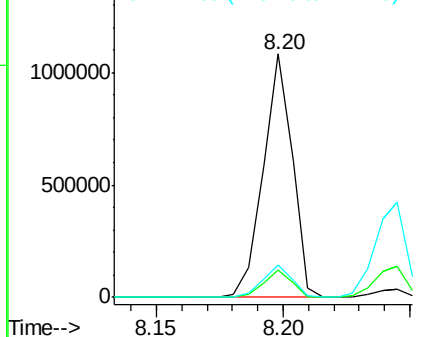
#31
Naphthalene
Concen: 40.67 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 870050
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3

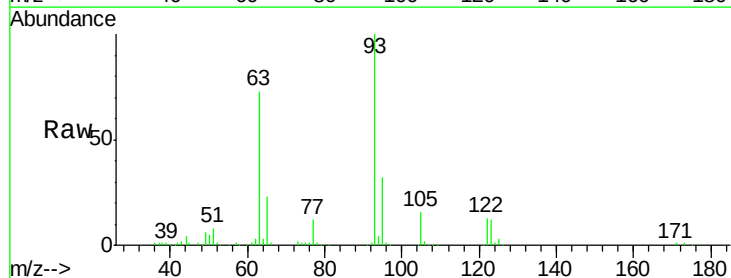


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

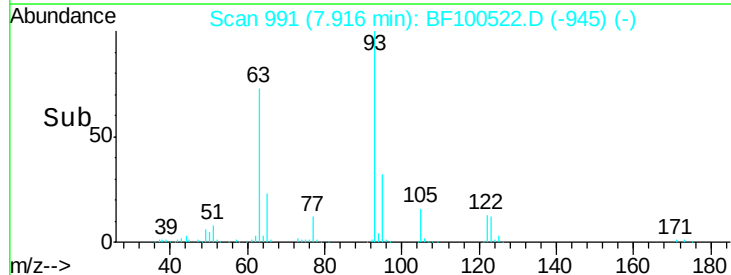
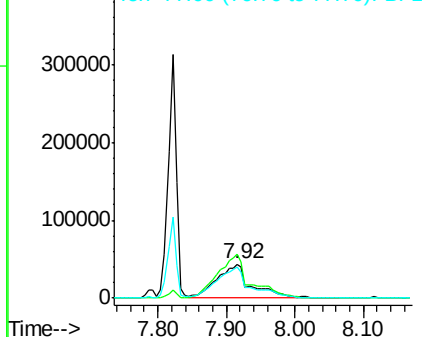


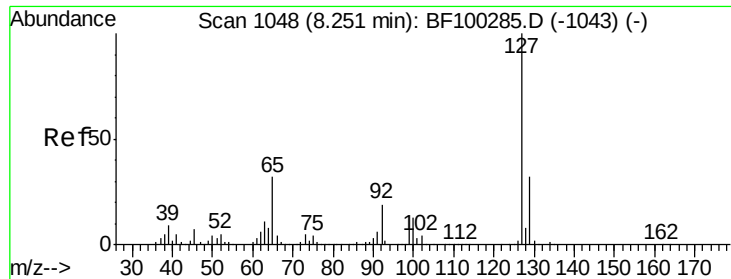
#32
Benzoic acid
Concen: 34.30 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion:122 Resp: 150137
Ion Ratio Lower Upper
122 100
105 128.6 101.1 141.1
77 91.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

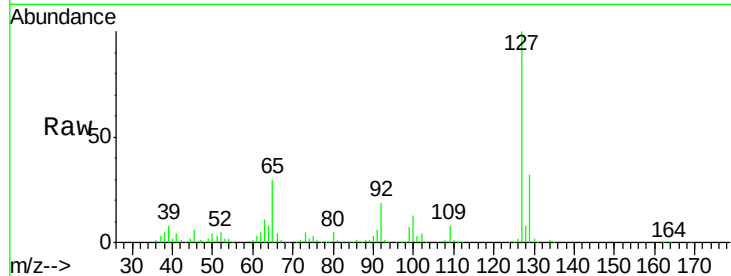




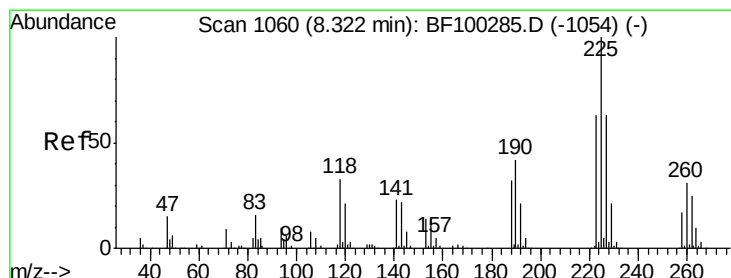
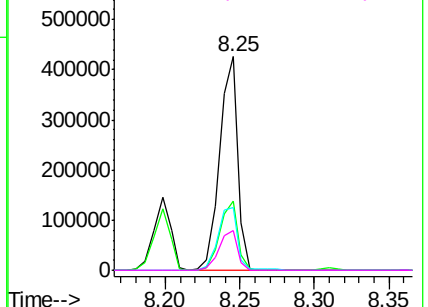
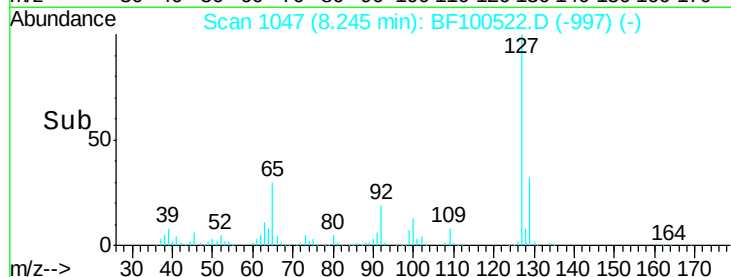
#33
4-Chloroaniline
Concen: 40.87 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	363921
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.6	25.0	37.4
92	18.7	15.2	22.8

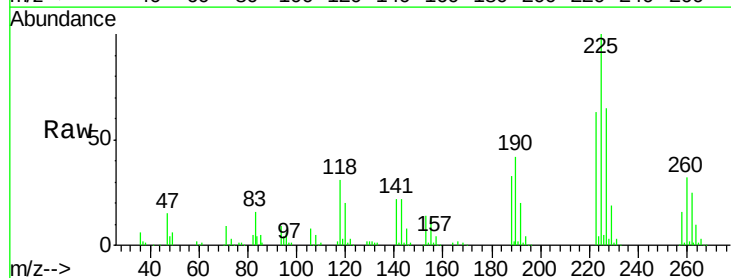


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

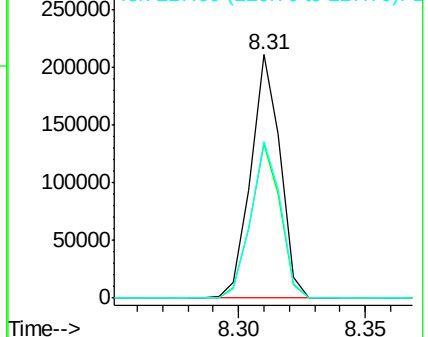
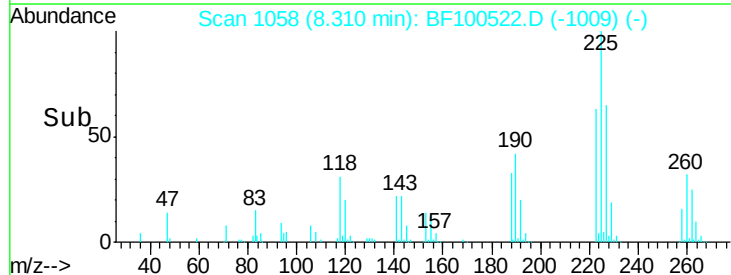


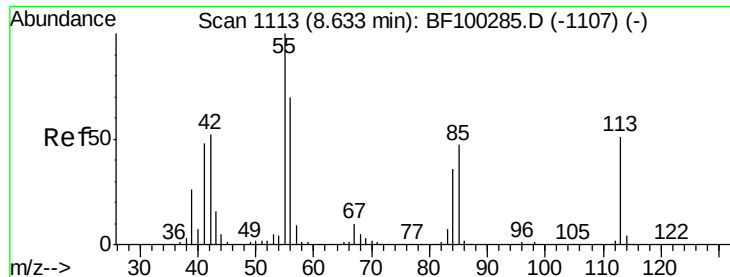
#34
Hexachlorobutadiene
Concen: 43.65 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion:	225	Resp:	169588
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.6	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

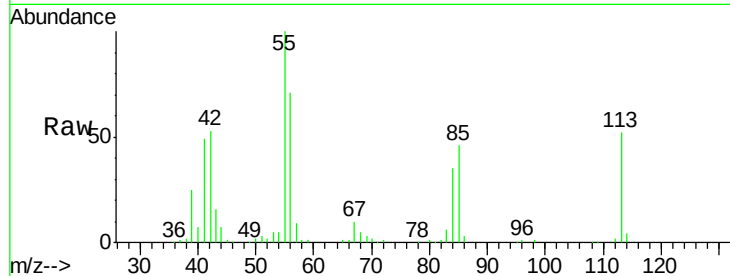




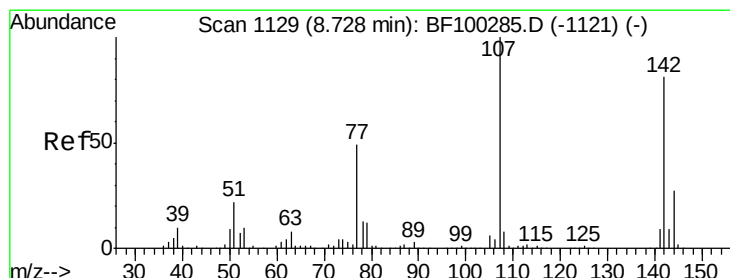
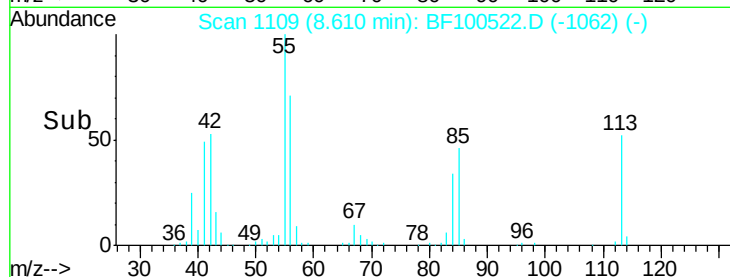
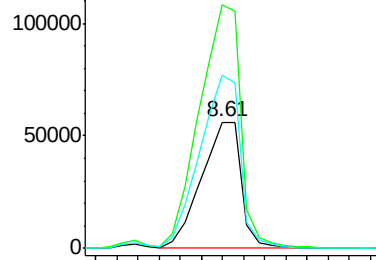
#35
 Caprolactam
 Concen: 35.62 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.02 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 73838
 Ion Ratio Lower Upper
 113 100
 55 192.5 163.3 203.3
 56 136.8 115.7 155.7

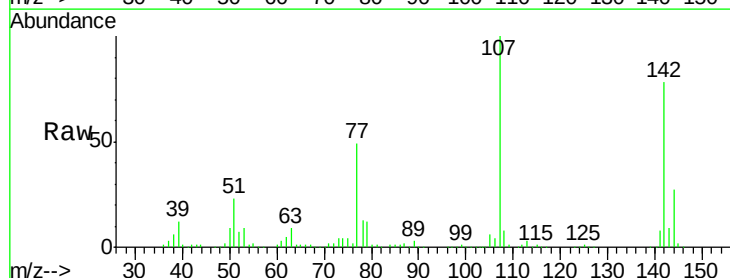


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

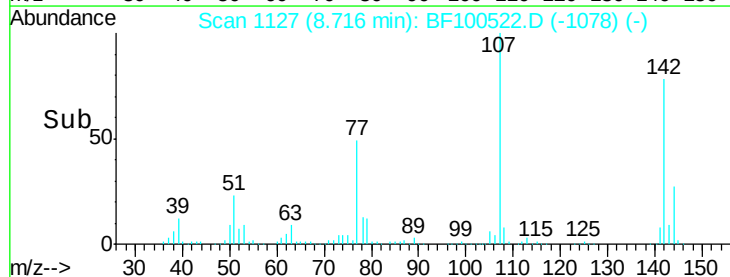
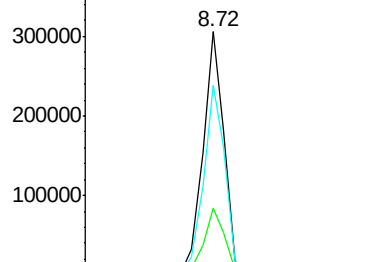


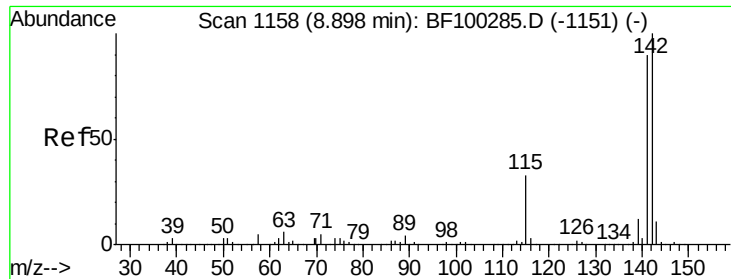
#36
 4-Chloro-3-methylphenol
 Concen: 38.22 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion:107 Resp: 247974
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.5 30.7
 142 78.1 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

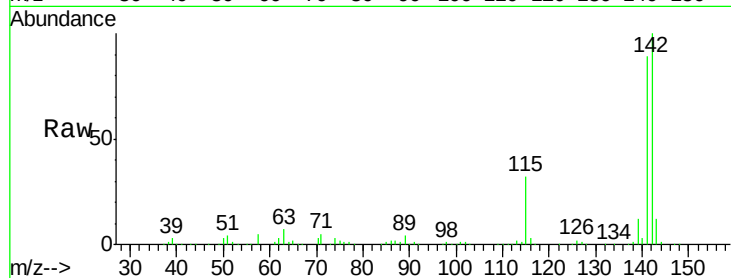




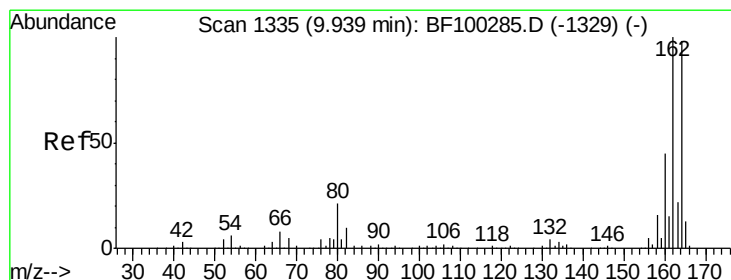
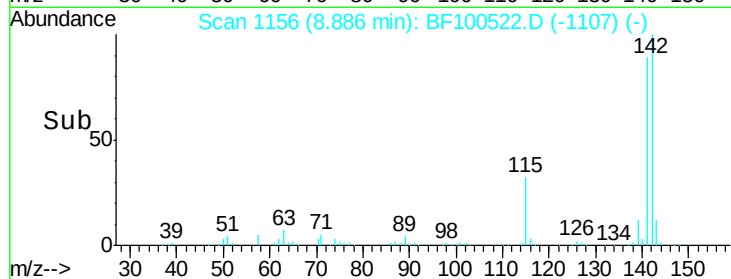
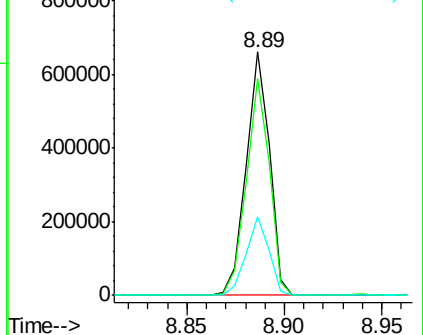
#37
2-Methylnaphthalene
Concen: 38.49 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	32.2	26.1	39.1

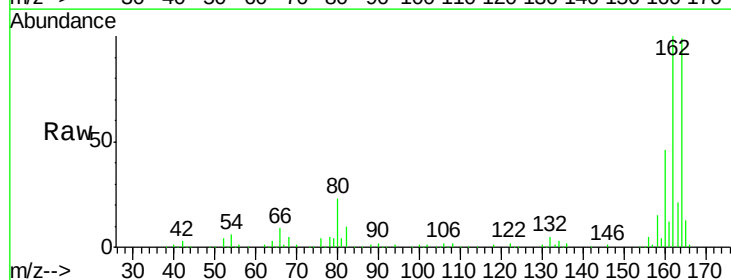


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

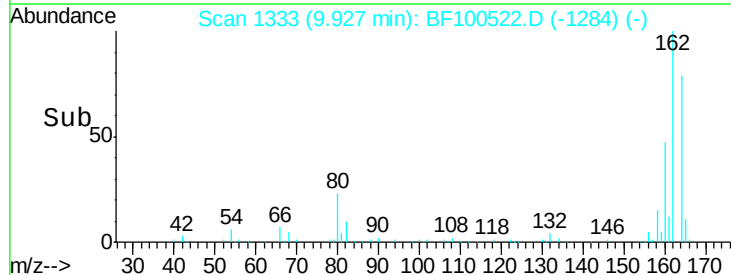
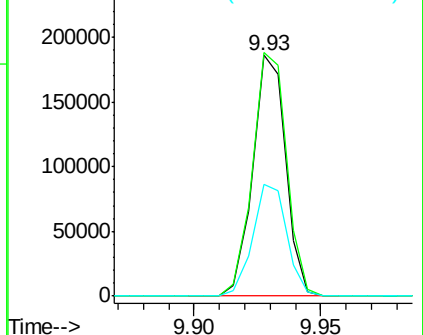


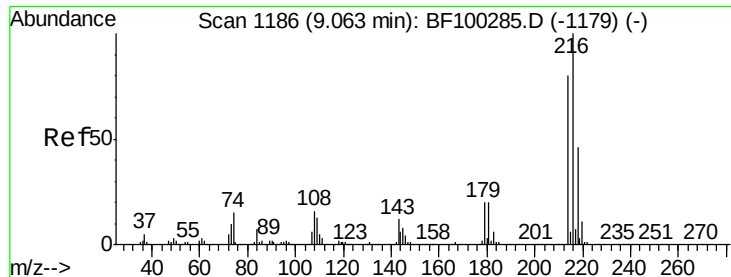
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	46.1	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

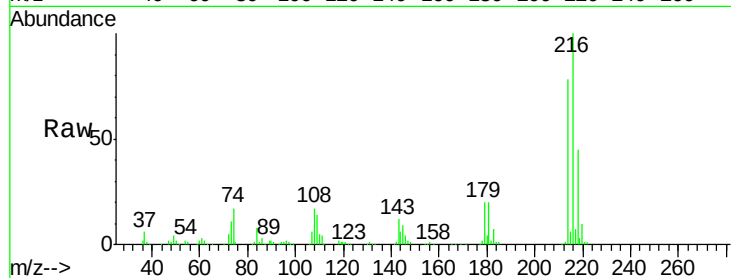




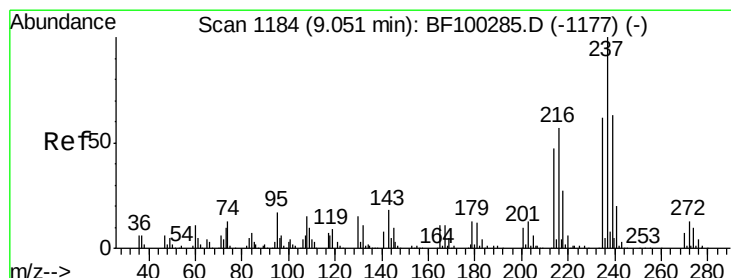
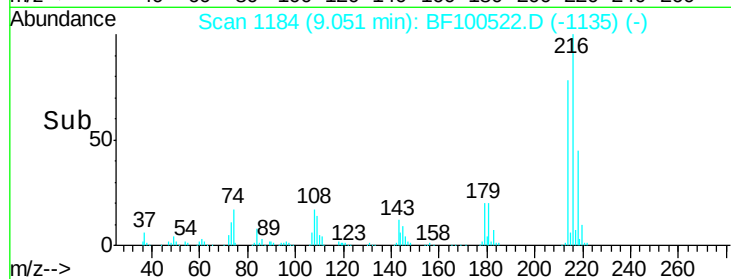
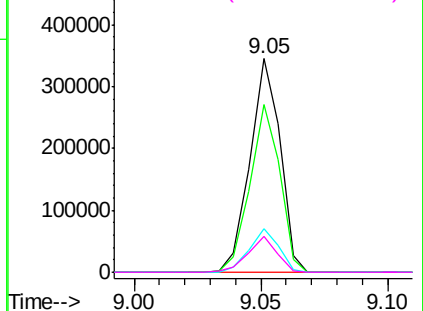
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.28 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	286562
Ion Ratio		Lower	Upper
216	100		
214	77.8	63.0	94.4
179	19.8	18.1	27.1
108	16.2	17.2	25.8#

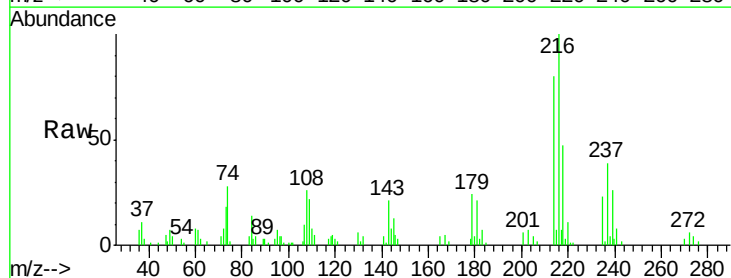


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

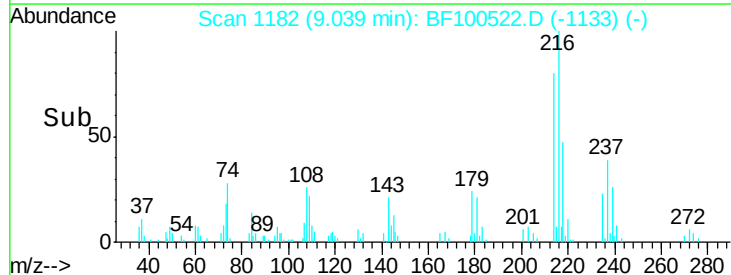
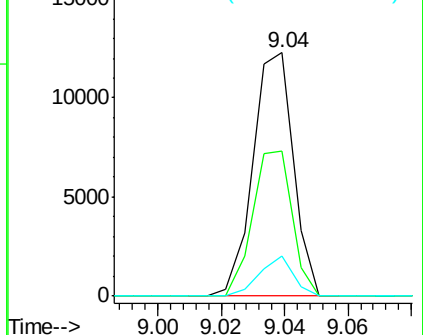


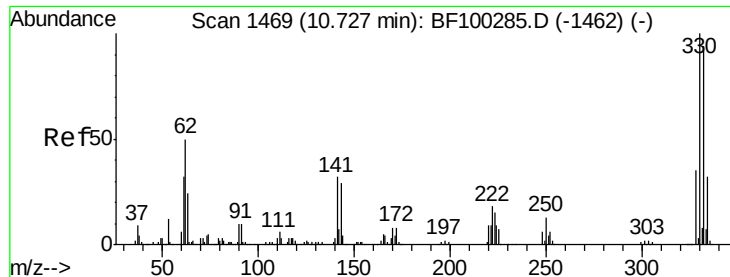
#40
 Hexachlorocyclopentadiene
 Concen: 4.14 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion:	237	Resp:	10896
Ion Ratio		Lower	Upper
237	100		
235	59.4	44.8	84.8
272	16.3	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

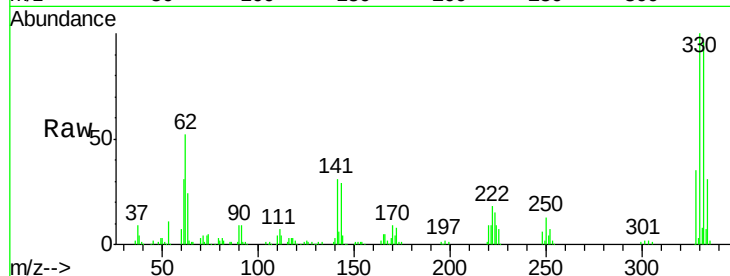




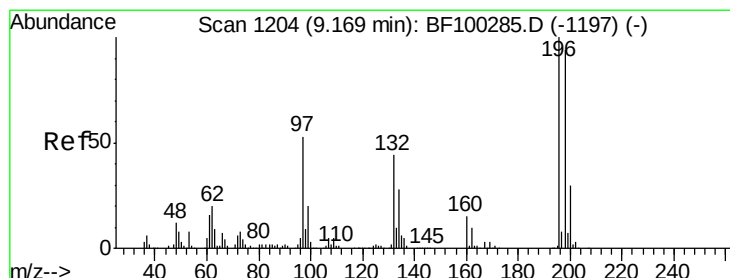
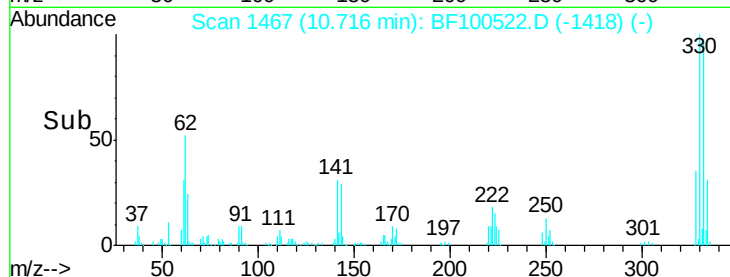
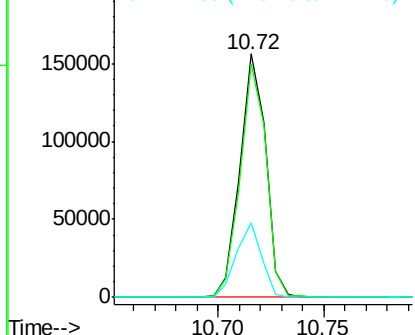
#41
 2,4,6-Tribromophenol
 Concen: 76.71 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	30.0	29.9	44.9

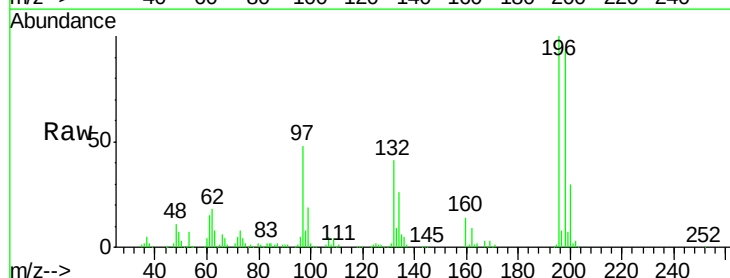


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

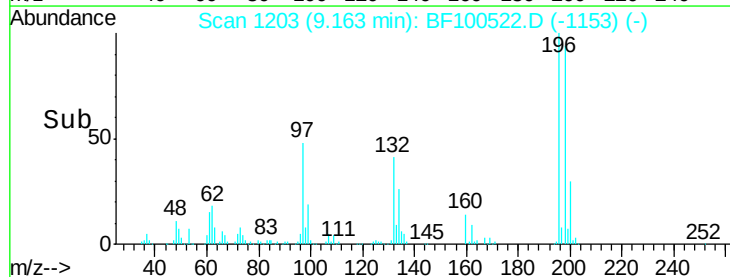
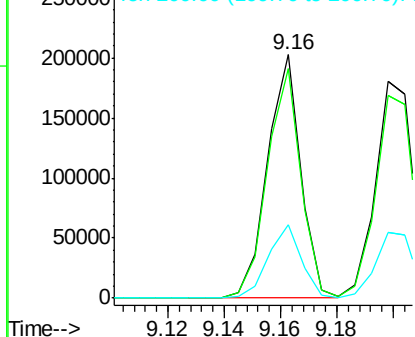


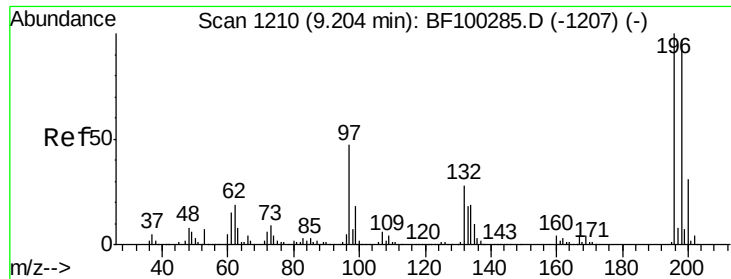
#42
 2,4,6-Trichlorophenol
 Concen: 46.85 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	30.0	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

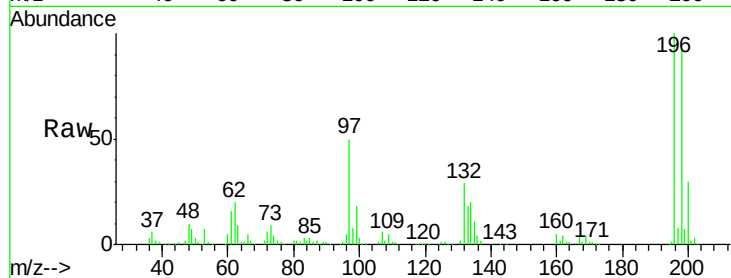




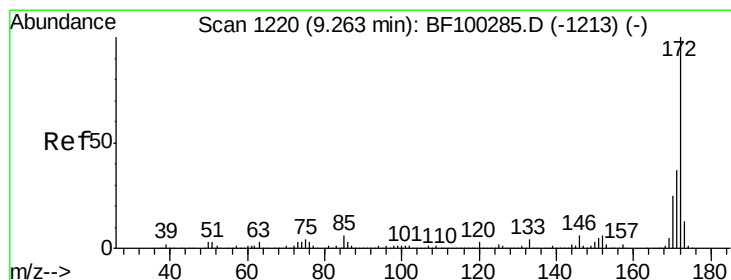
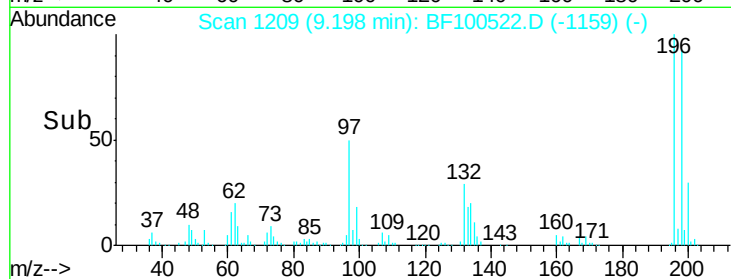
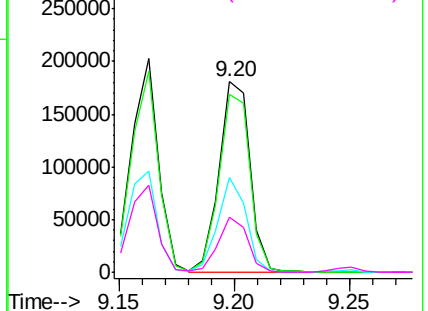
#43
2,4,5-Trichlorophenol
Concen: 45.63 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 167427
Ion Ratio Lower Upper
196 100
198 93.4 74.6 112.0
97 49.5 42.9 64.3
132 28.9 26.3 39.5

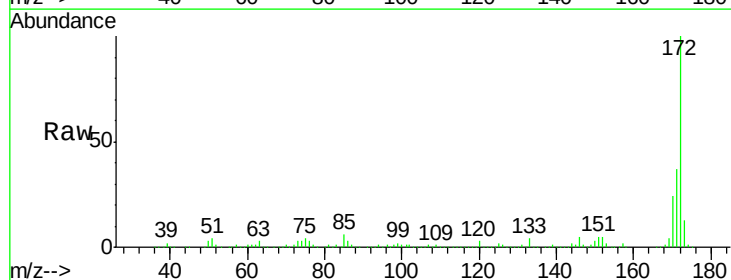


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

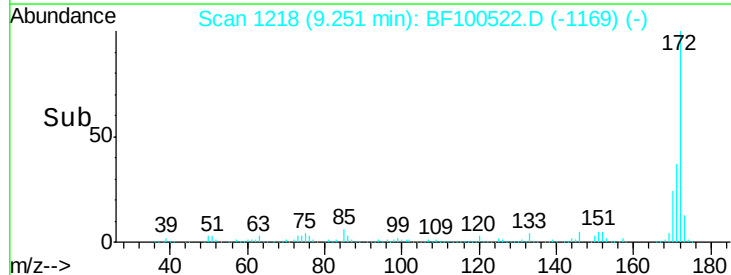
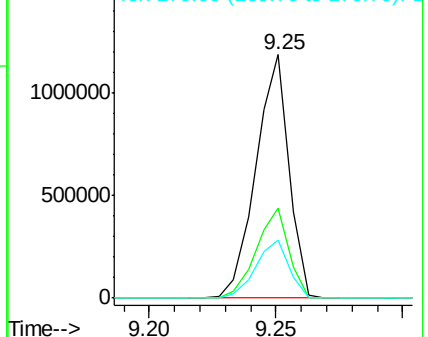


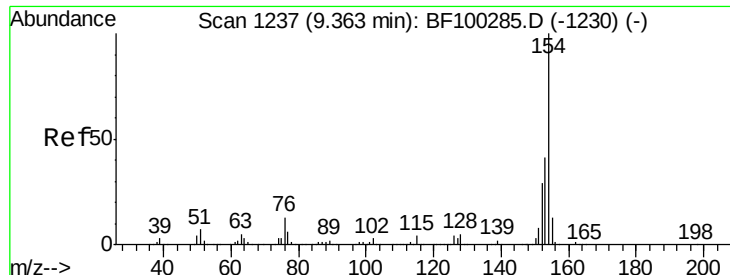
#44
2-Fluorobiphenyl
Concen: 96.91 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion:172 Resp: 1072281
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.13 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampleId :

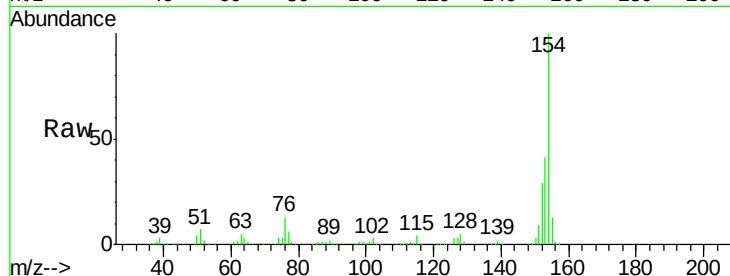
Tot Ion:154 Resp: 686773

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

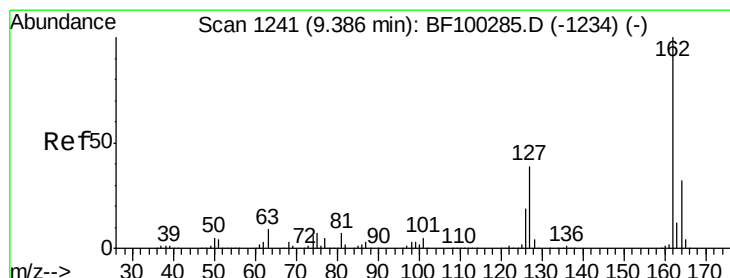
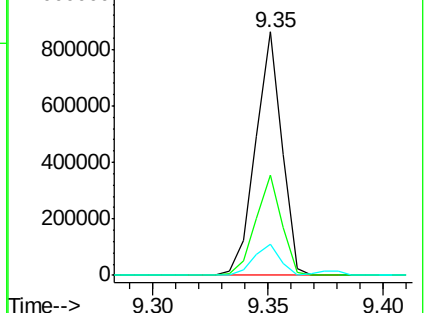
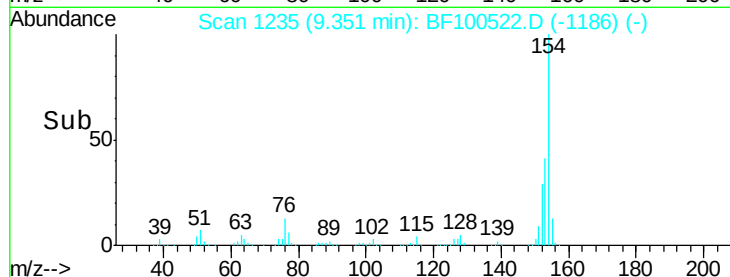
76 12.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 45.58 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

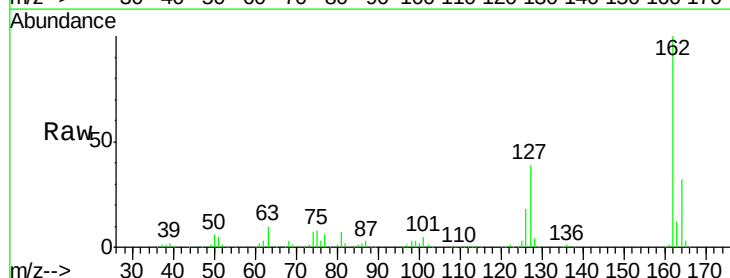
Tgt Ion:162 Resp: 481799

Ion Ratio Lower Upper

162 100

127 38.9 33.9 50.9

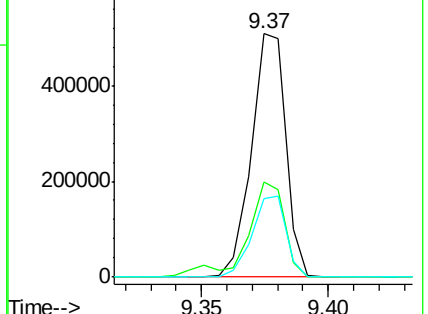
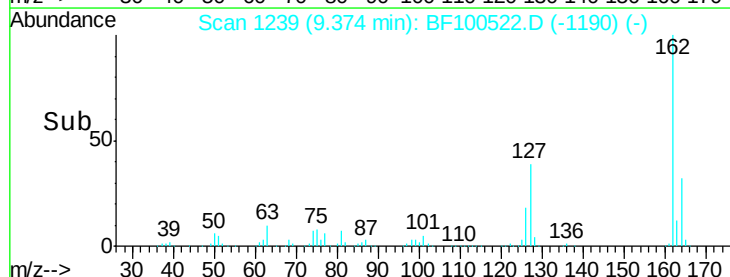
164 32.3 26.5 39.7

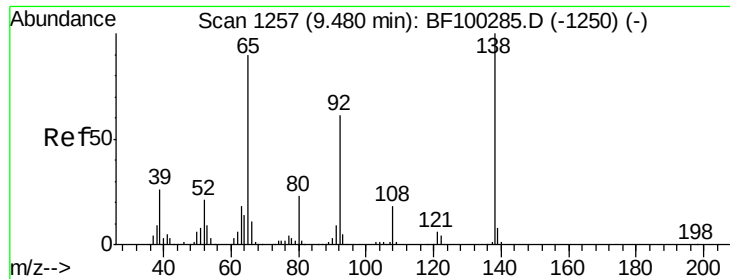


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

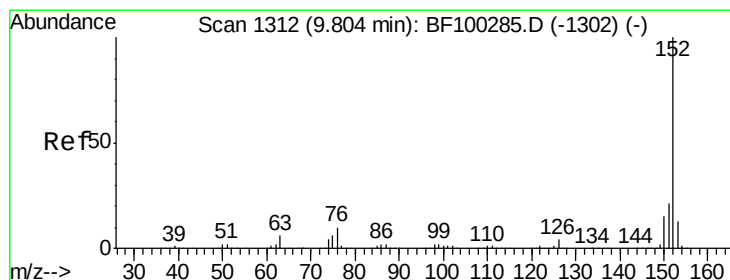
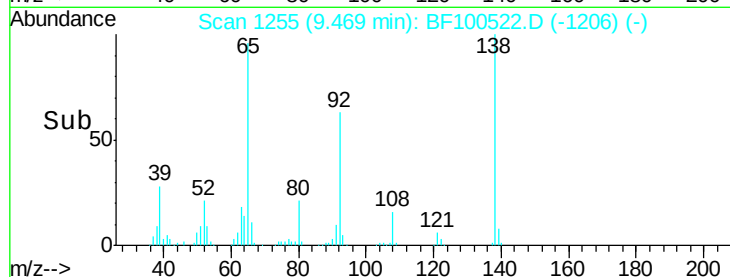
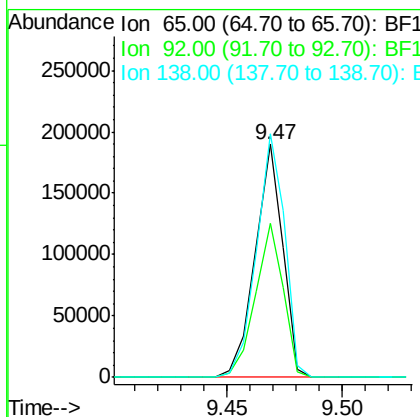
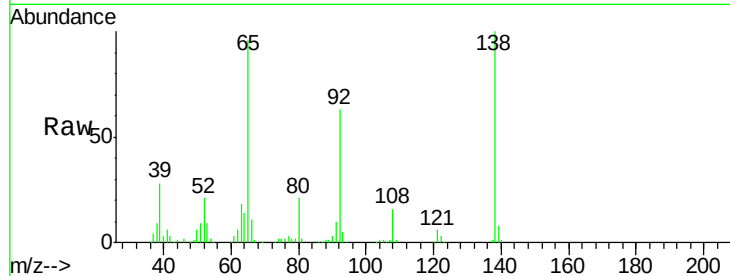




#47
2-Nitroaniline
Concen: 50.67 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

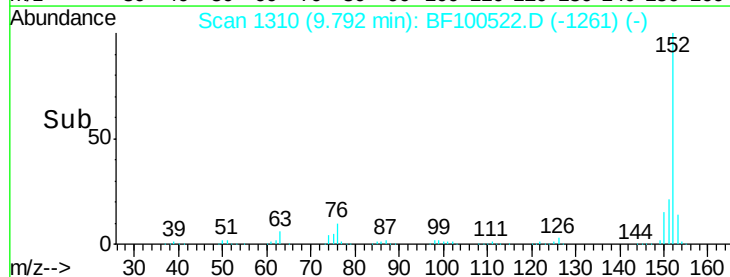
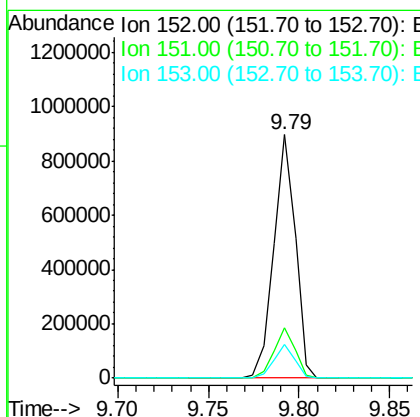
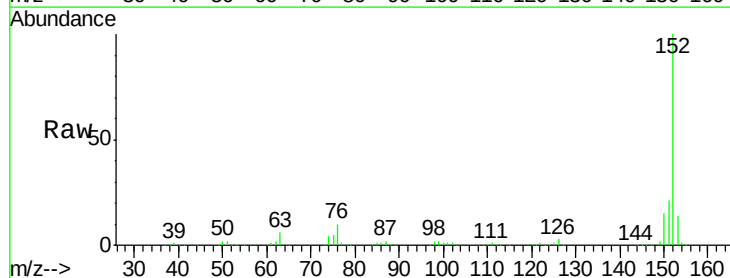
Instrument :
BNA_F
ClientSampled :

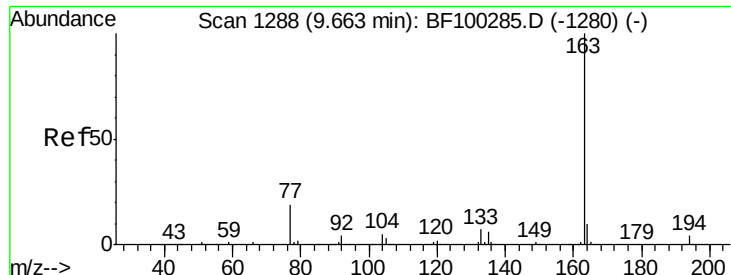
Tot Ion	65	92	138	Resp	158804
Ion Ratio	100	66.0	104.3	Lower	Upper
		55.8	91.2		
		83.6	136.8		



#48
Acenaphthylene
Concen: 42.17 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion	152	151	153	Resp	738795
Ion Ratio	100	20.7	13.6	Lower	Upper
		16.3	10.7		
		24.5	16.1		

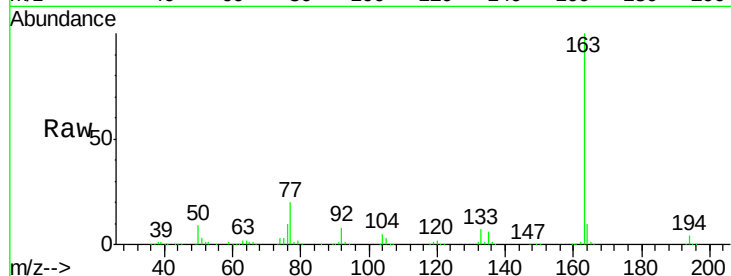




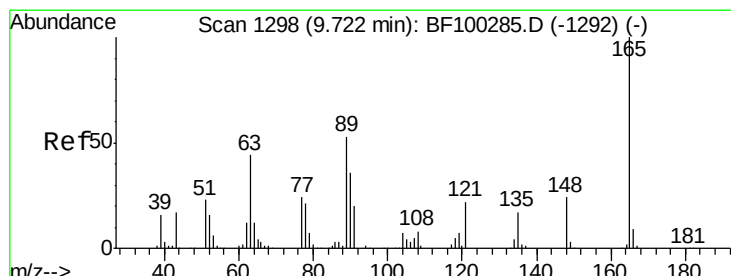
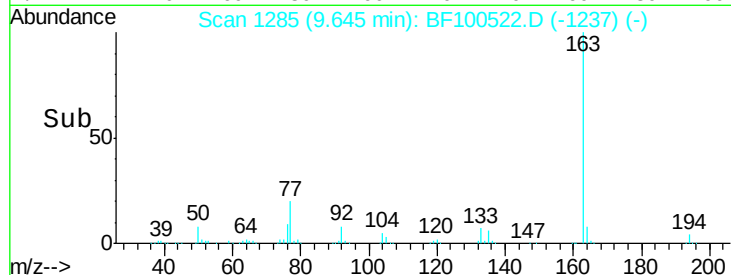
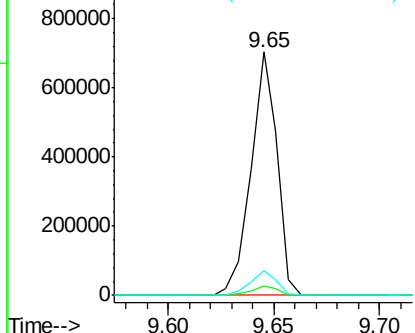
#49
Dimethylphthalate
Concen: 46.99 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 604486
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

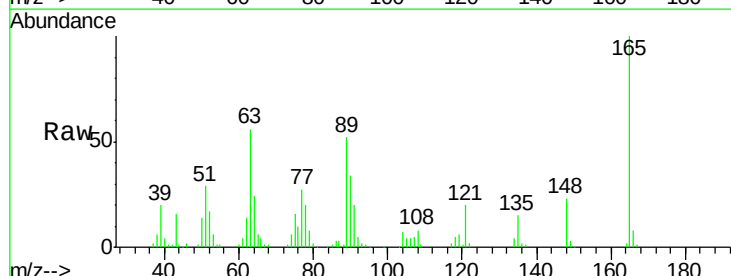


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

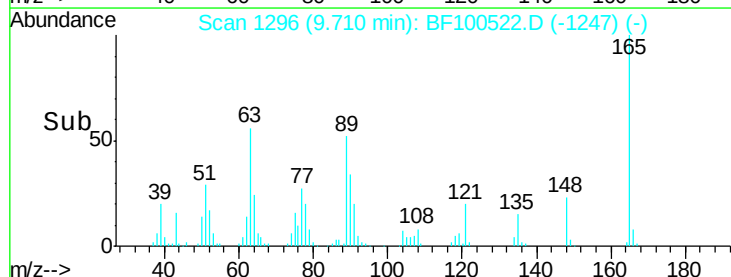
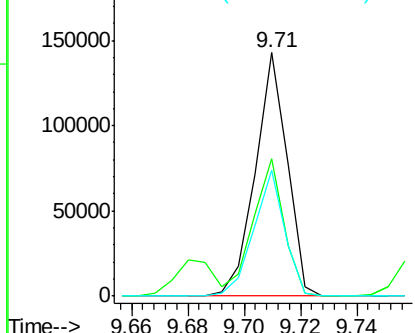


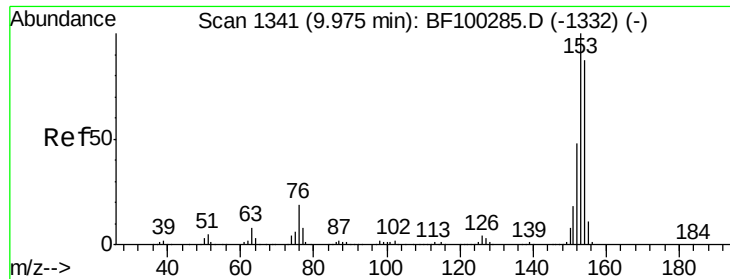
#50
2,6-Dinitrotoluene
Concen: 43.82 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion:165 Resp: 111570
Ion Ratio Lower Upper
165 100
63 56.5 44.7 67.1
89 51.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.12 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampleId :

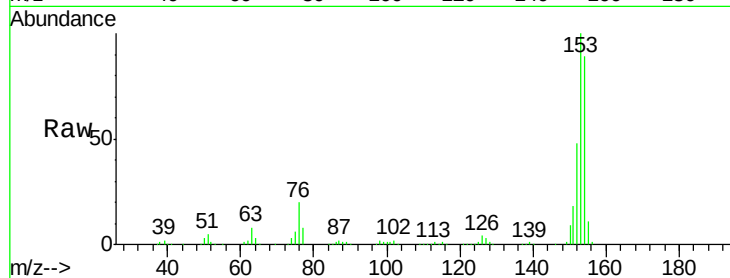
Tot Ion:154 Resp: 427453

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

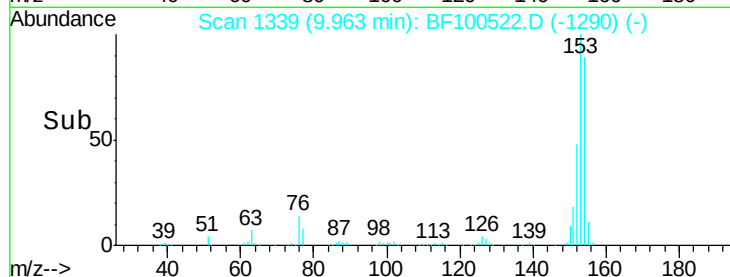
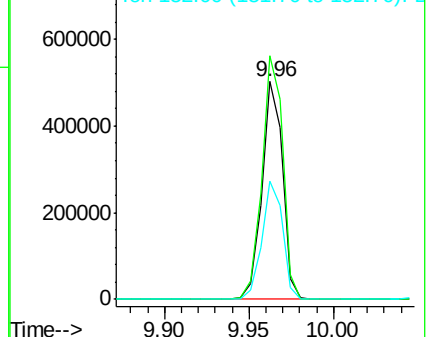
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.80 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

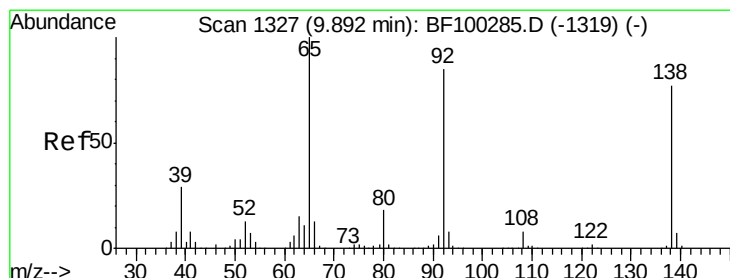
Tgt Ion:138 Resp: 137723

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

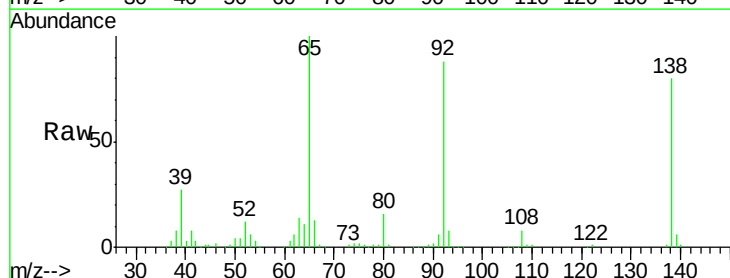
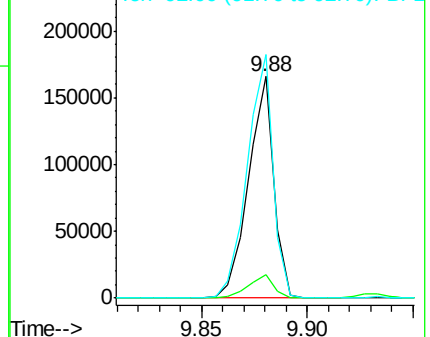
92 109.9 89.4 134.2

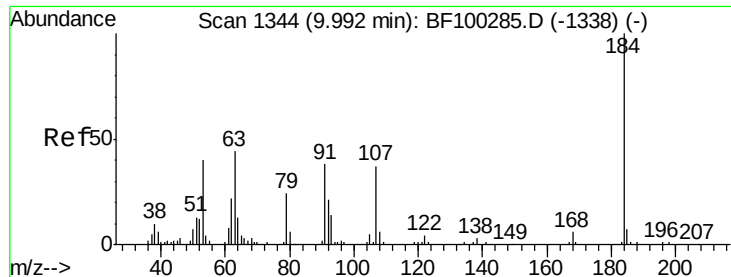


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

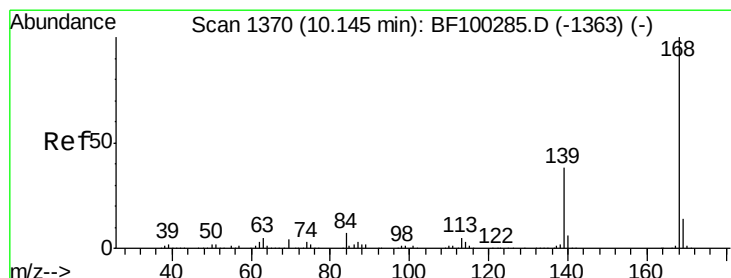
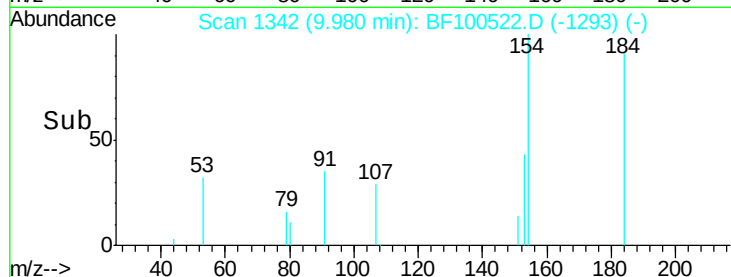
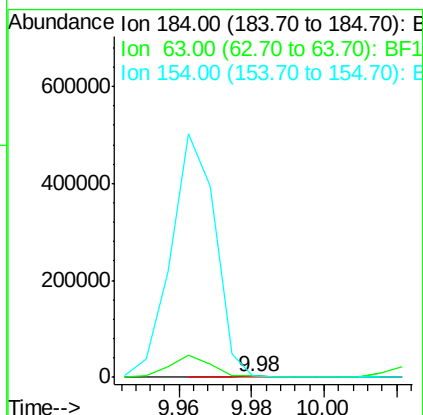
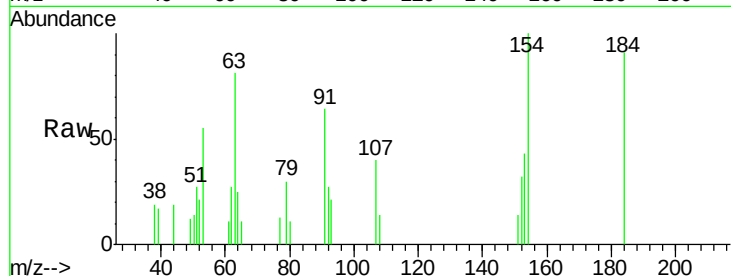




#53
 2,4-Dinitrophenol
 Concen: 10.86 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

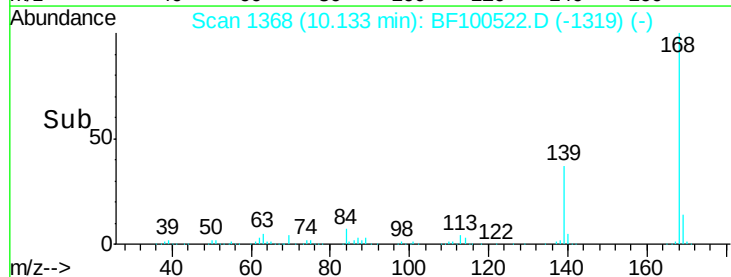
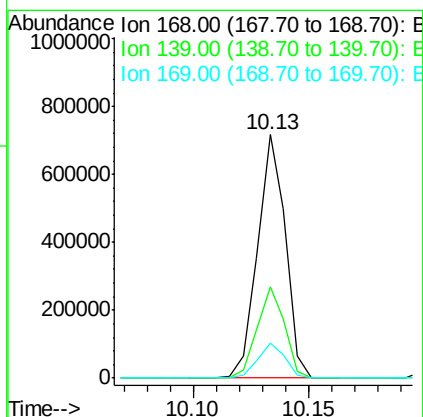
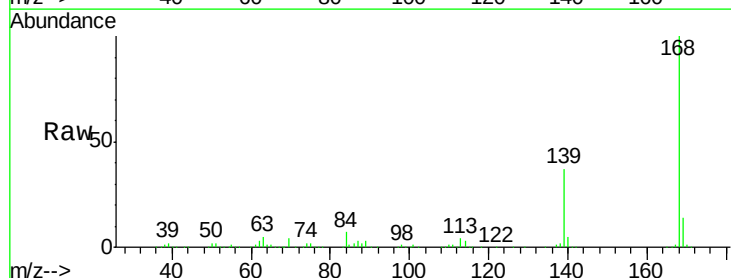
Instrument :
 BNA_F
 ClientSampleId :

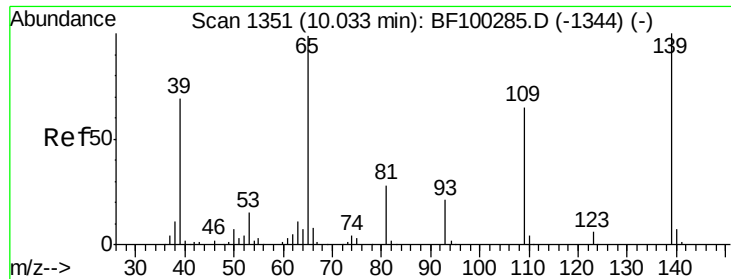
Tot Ion:184 Resp: 2490
 Ion Ratio Lower Upper
 184 100
 63 88.5 54.2 81.2#
 154 109.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.32 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion:168 Resp: 602159
 Ion Ratio Lower Upper
 168 100
 139 37.4 30.1 45.1
 169 14.2 10.9 16.3

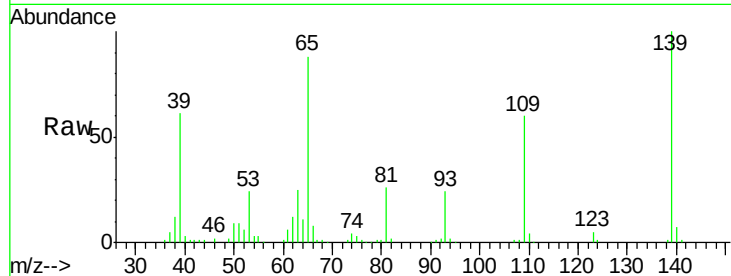




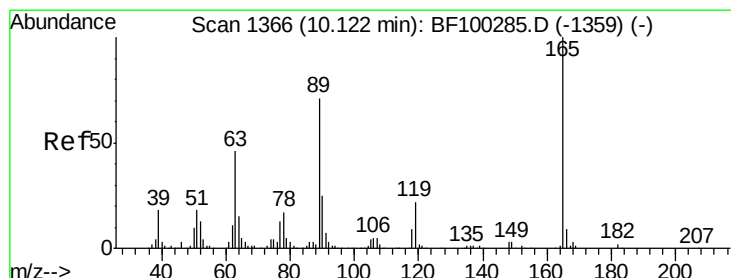
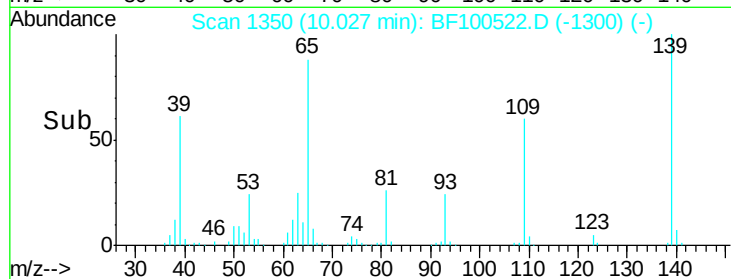
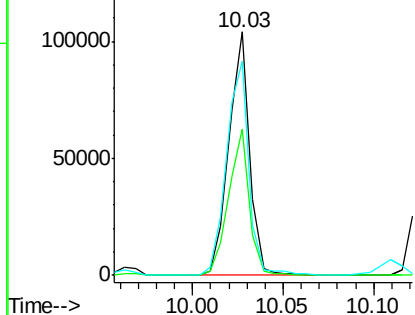
#55
4-Nitrophenol
Concen: 34.16 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.9	48.4	88.4
65	87.9	72.6	112.6



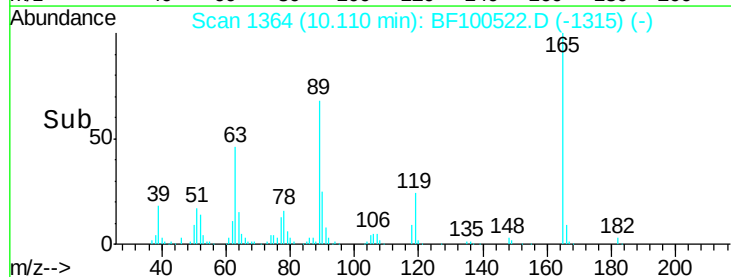
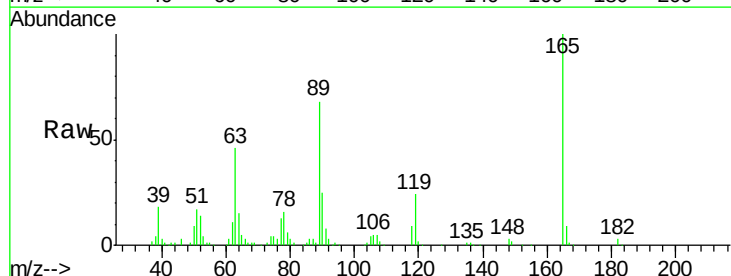
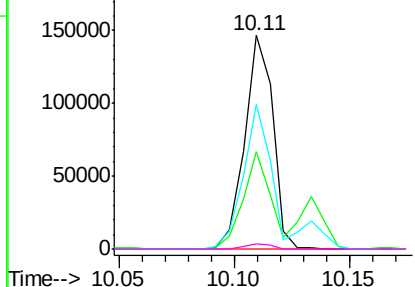
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

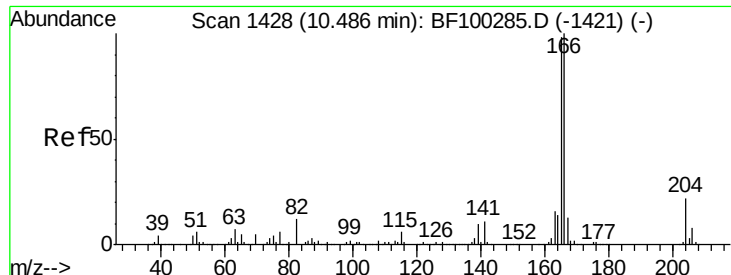


#56
2,4-Dinitrotoluene
Concen: 38.95 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.8	36.4	54.6
89	67.6	57.8	86.6
182	2.6	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

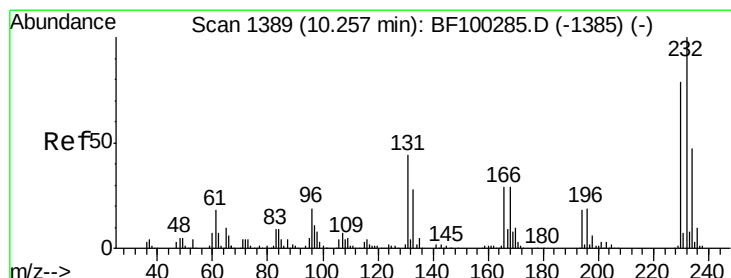
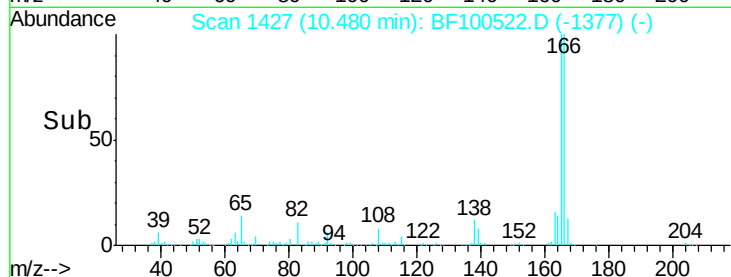
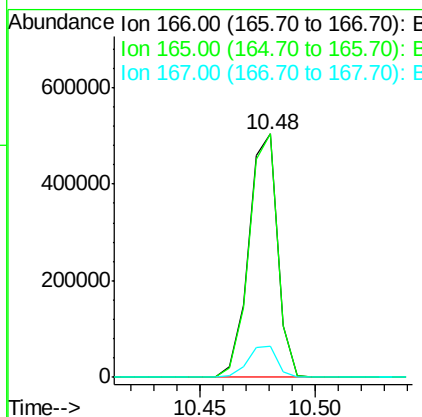
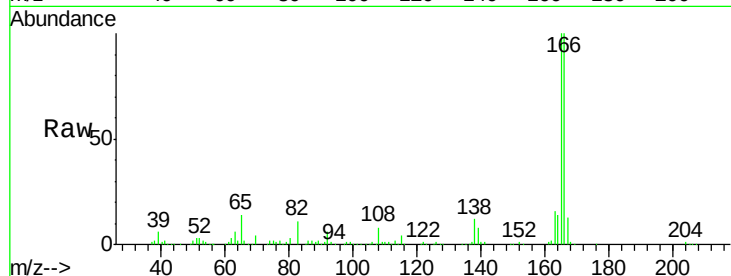




#57
 Fluorene
 Concen: 40.28 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

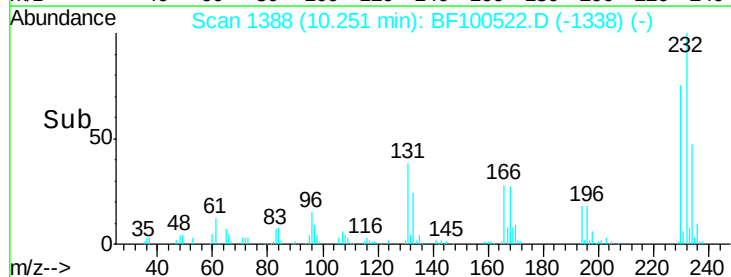
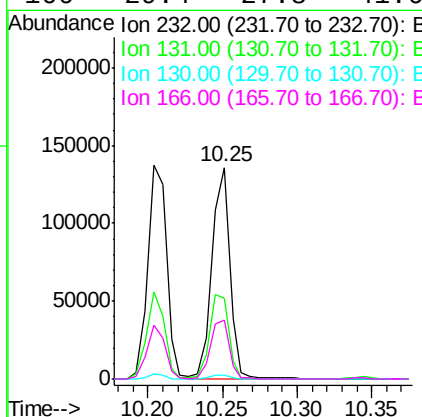
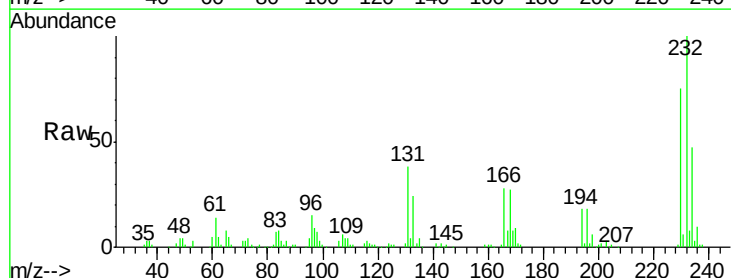
Instrument :
 BNA_F
 ClientSampleId :

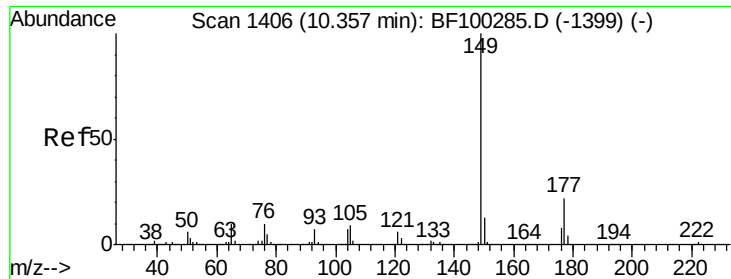
Tot Ion:166 Resp: 440621
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.76 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion:232 Resp: 113543
 Ion Ratio Lower Upper
 232 100
 131 42.7 43.8 65.8#
 130 1.9 2.1 3.1#
 166 29.4 27.8 41.6

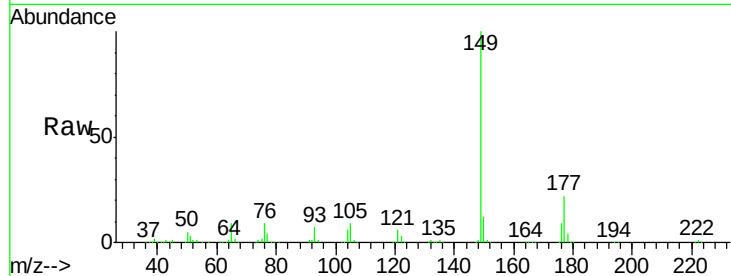




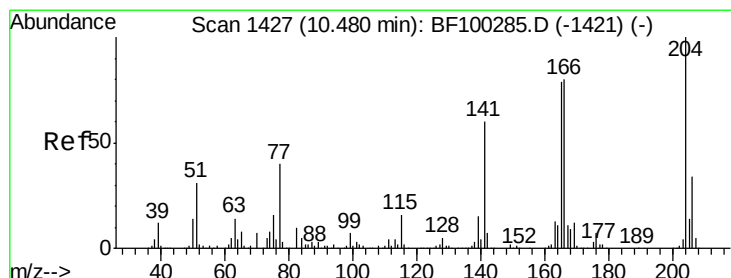
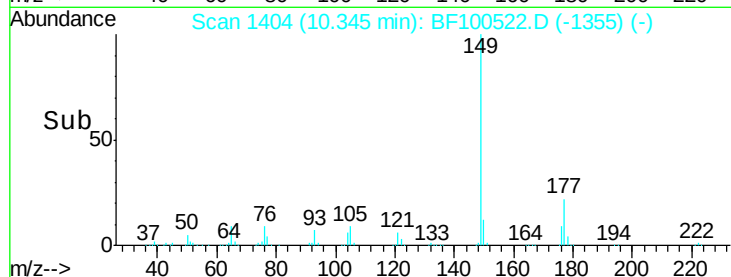
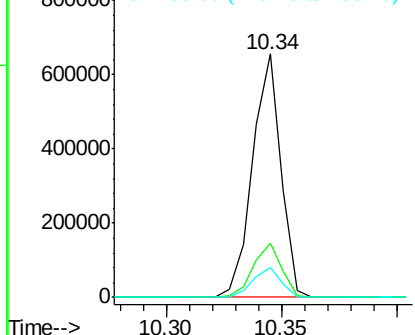
#59
Diethylphthalate
Concen: 43.81 ng
RT: 10.34 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 563951
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.3 10.1 15.1

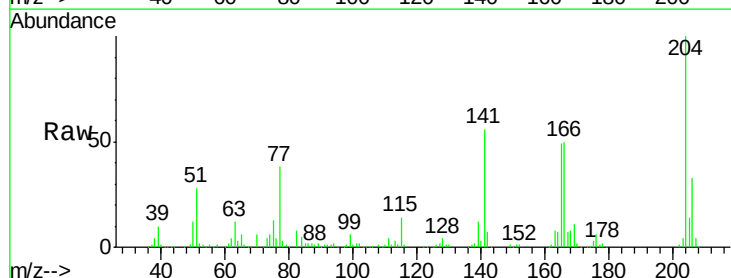


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

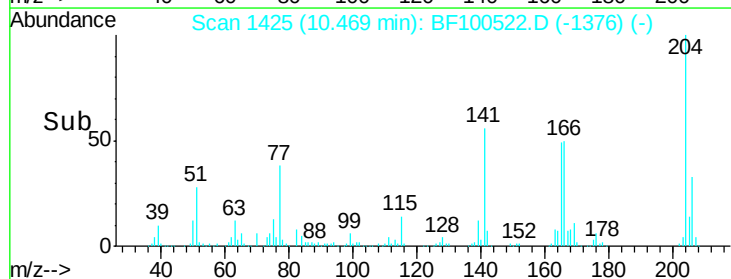
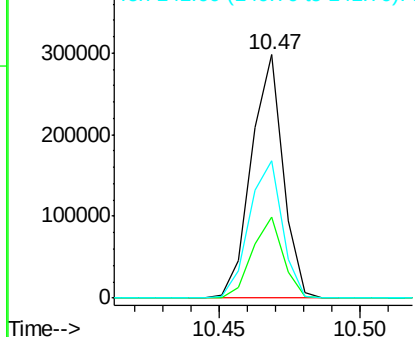


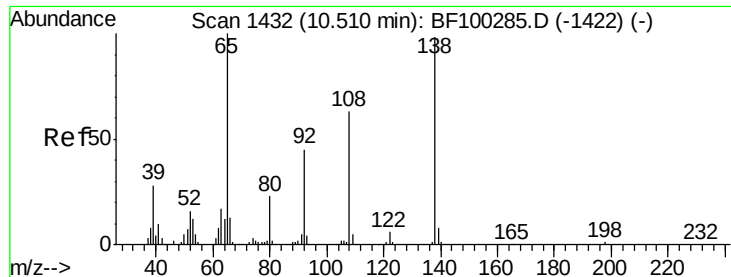
#60
4-Chlorophenyl-phenylether
Concen: 43.19 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion:204 Resp: 231786
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 56.3 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

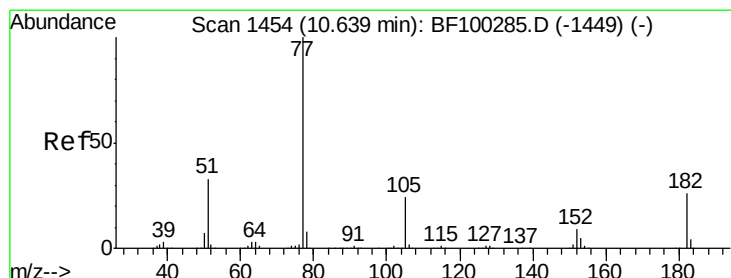
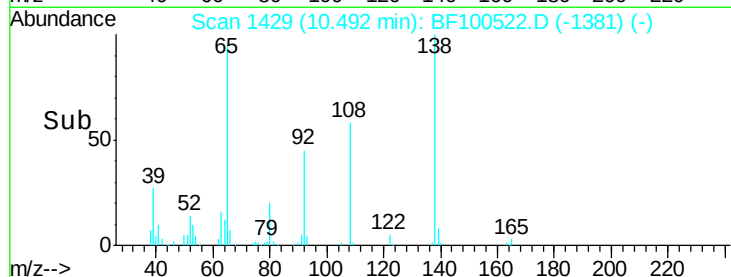
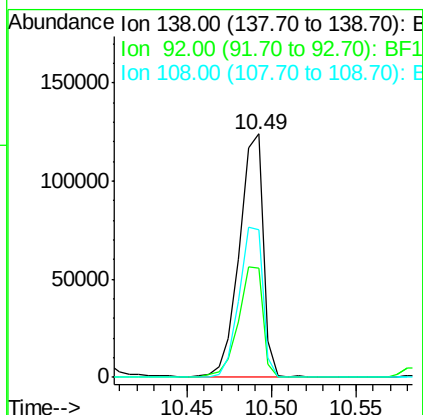
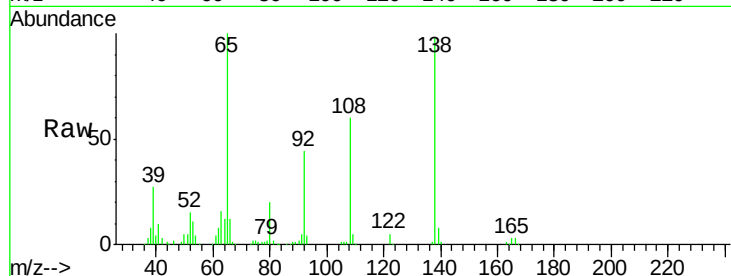




#61
4-Nitroaniline
Concen: 43.20 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

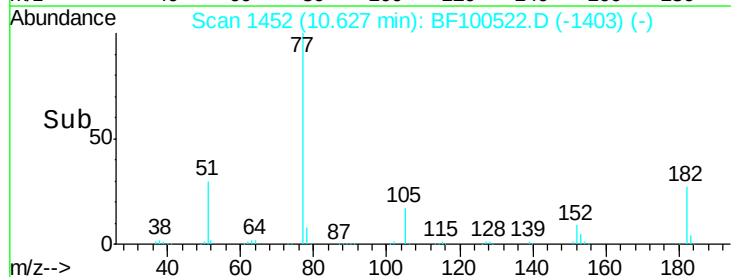
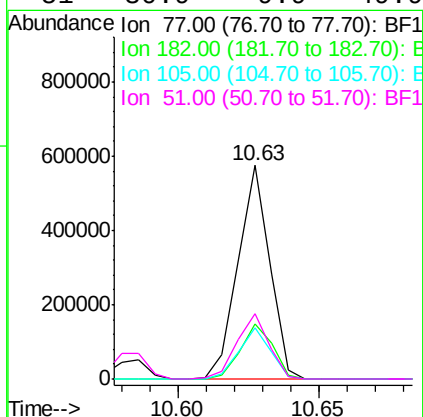
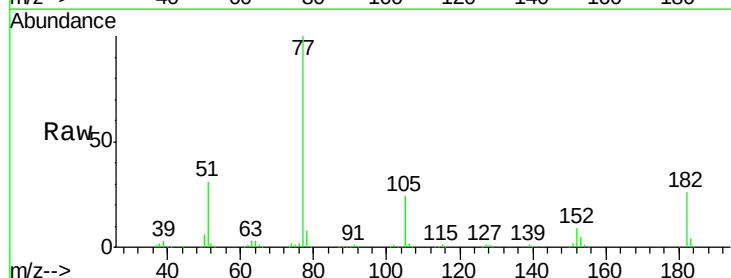
Instrument :
BNA_F
ClientSampleId :

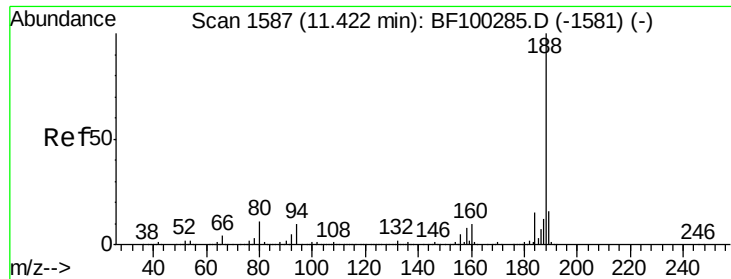
Tot Ion:138 Resp: 123179
Ion Ratio Lower Upper
138 100
92 44.6 30.2 70.2
108 60.7 52.5 92.5



#62
Azobenzene
Concen: 37.14 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion: 77 Resp: 450286
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 23.8 3.0 43.0
51 30.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampleId :

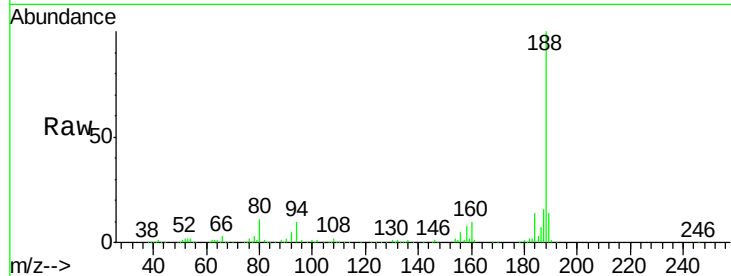
Tot Ion:188 Resp: 262335

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

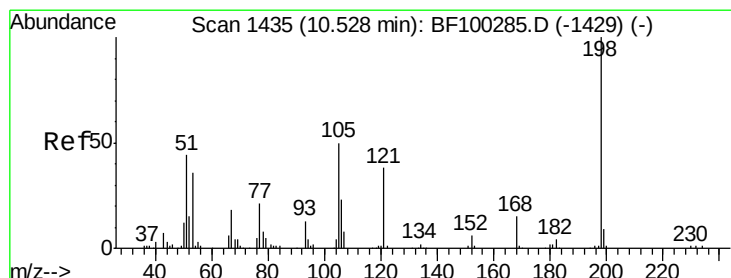
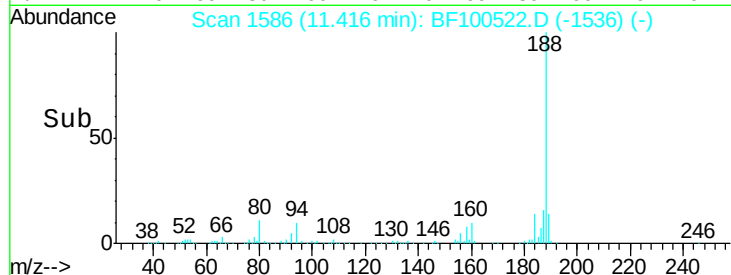
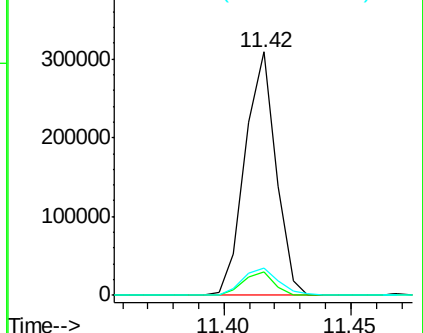
80 11.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 13.32 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

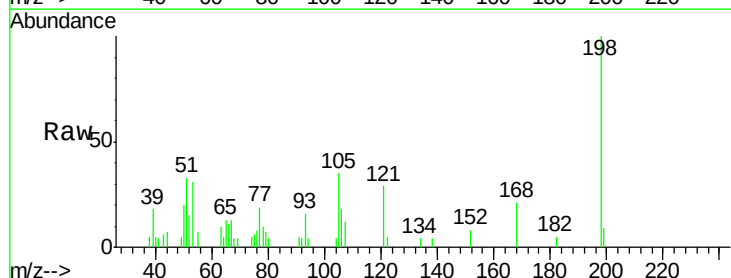
Tgt Ion:198 Resp: 7660

Ion Ratio Lower Upper

198 100

51 33.0 37.7 77.7#

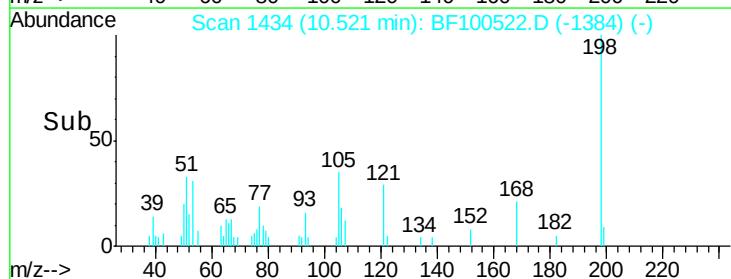
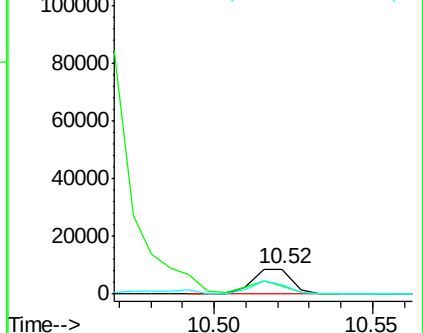
105 35.1 36.3 76.3#

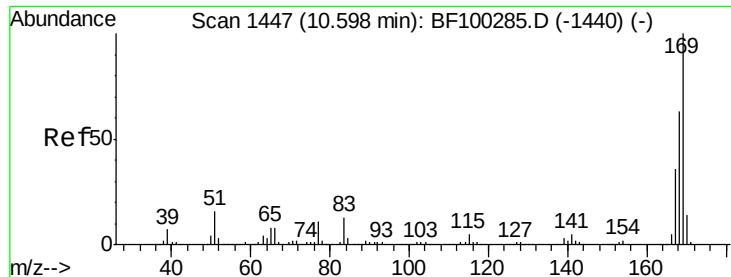


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

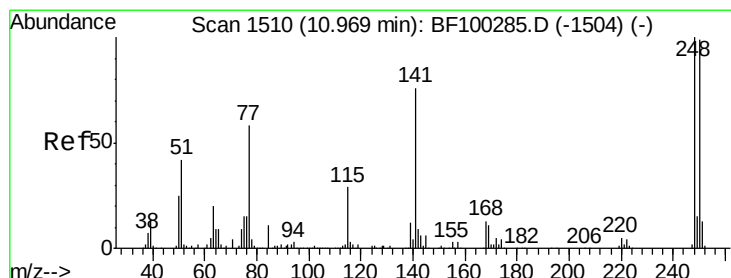
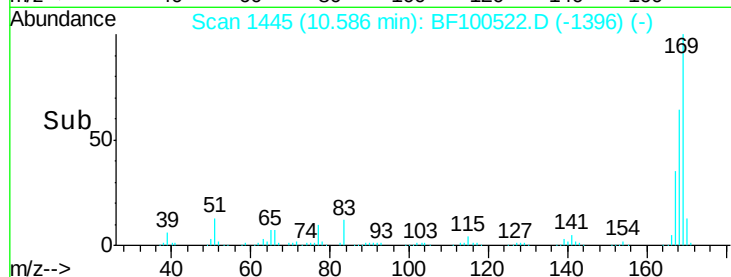
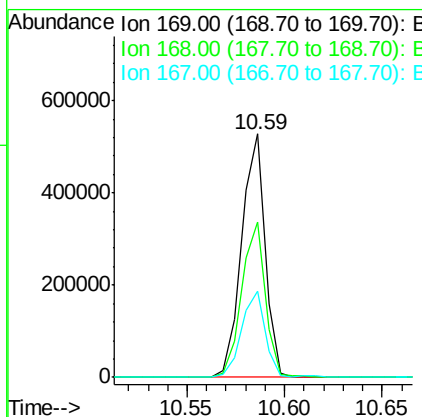
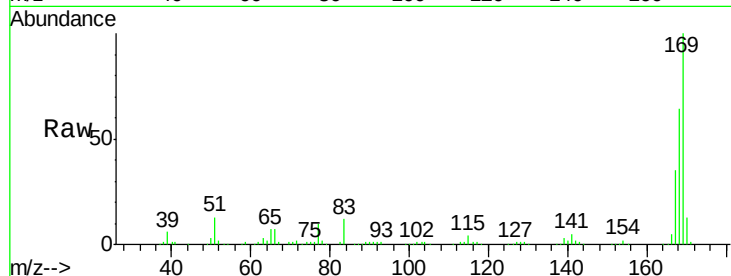




#65
 n-Nitrosodiphenylamine
 Concen: 48.25 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

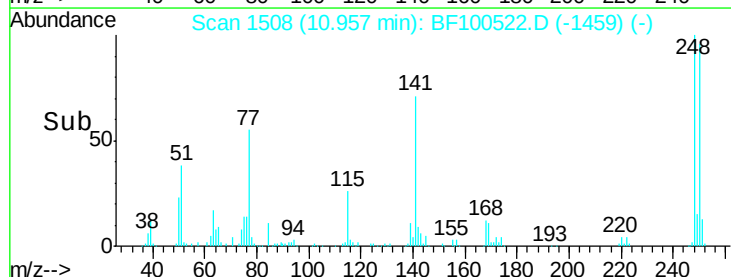
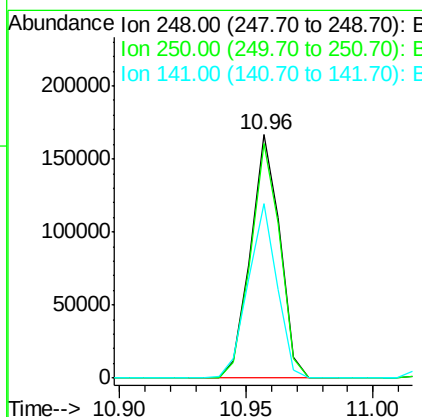
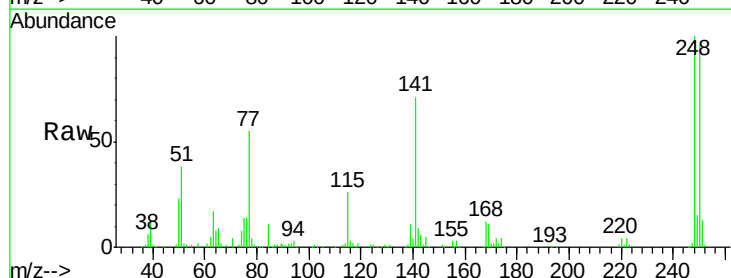
Instrument :
 BNA_F
 ClientSampleId :

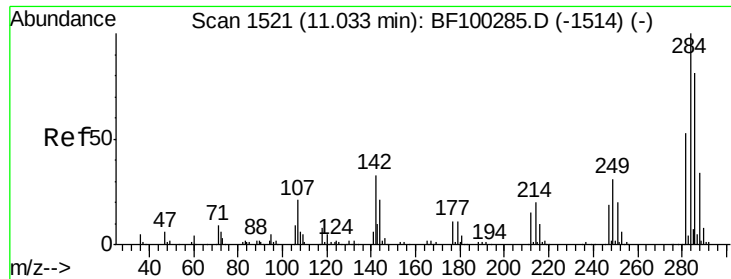
Tot Ion:169 Resp: 440081
 Ion Ratio Lower Upper
 169 100
 168 63.6 54.4 81.6
 167 35.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.76 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion:248 Resp: 134306
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.9 115.3
 141 71.5 74.4 111.6#

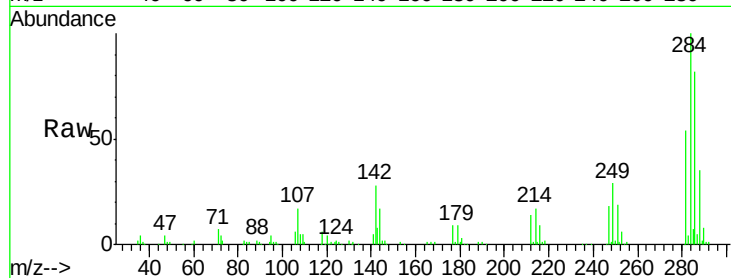




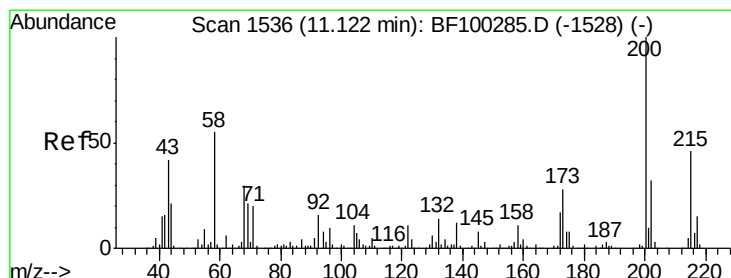
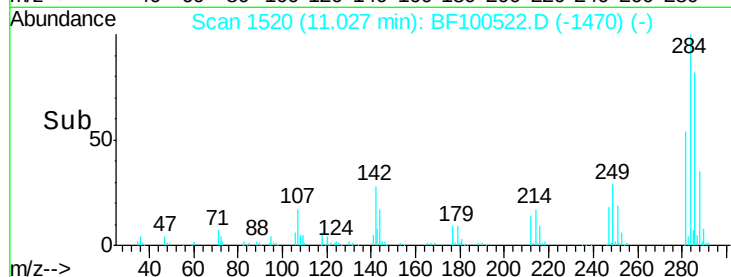
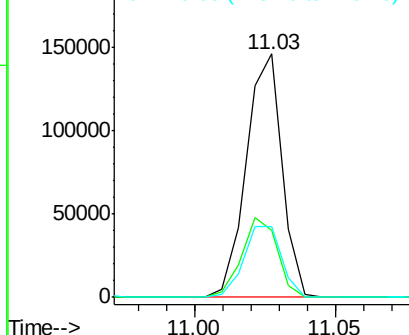
#67
Hexachlorobenzene
Concen: 43.64 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.6	34.6	52.0#
249	29.3	24.8	37.2

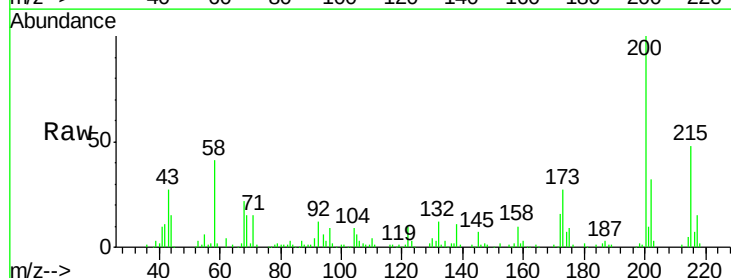


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

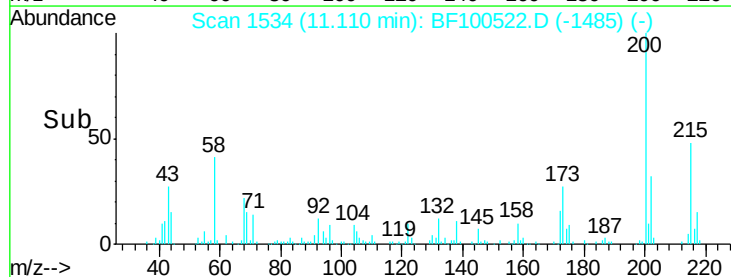
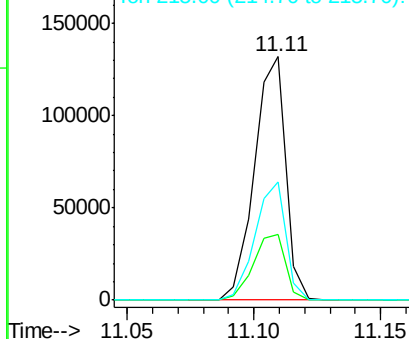


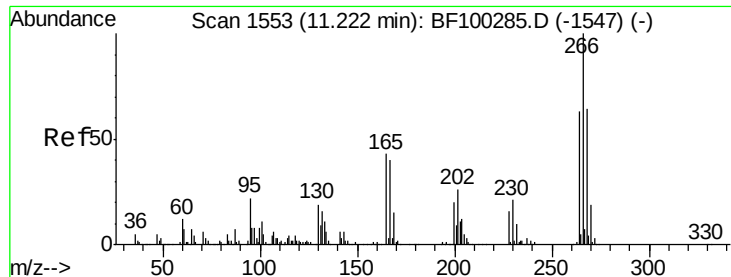
#68
Atrazine
Concen: 41.01 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.6	48.6
215	48.5	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

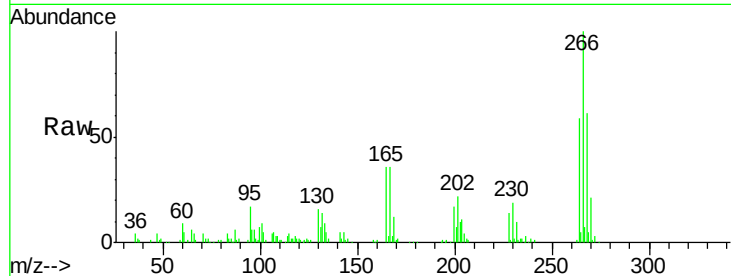




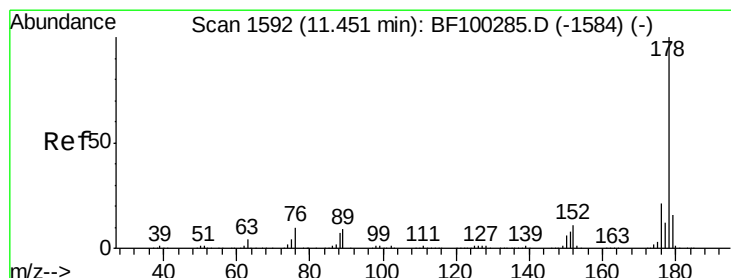
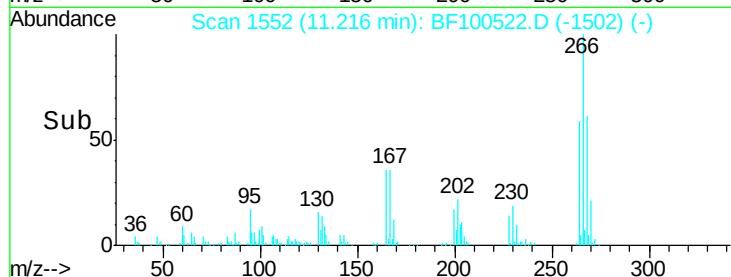
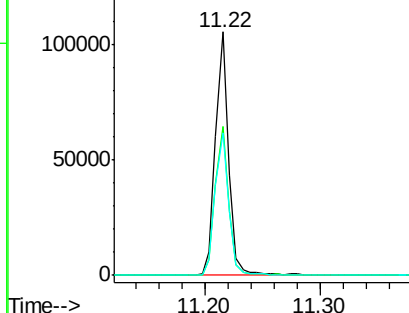
#69
 Pentachlorophenol
 Concen: 39.73 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	58.6	49.5	74.3

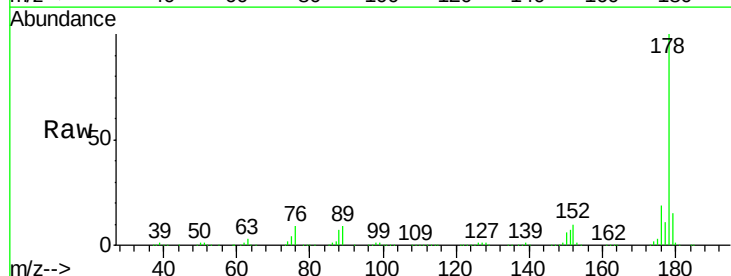


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

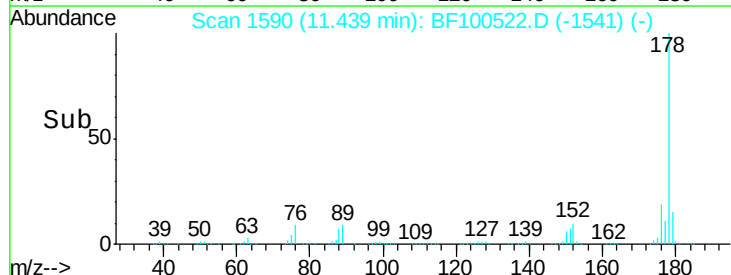
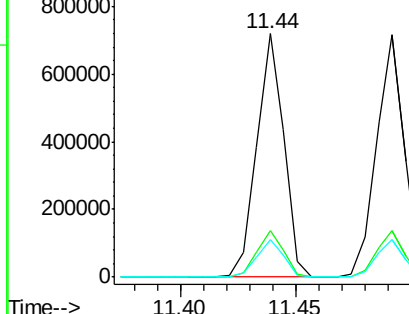


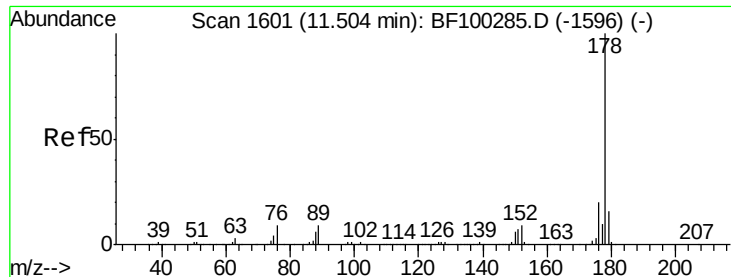
#70
 Phenanthrene
 Concen: 42.63 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.3	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

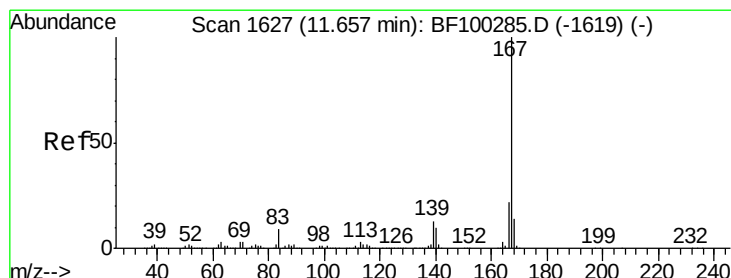
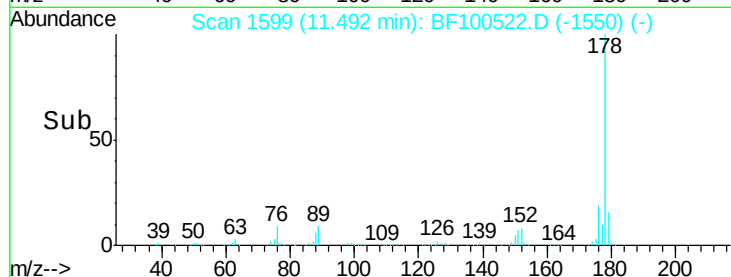
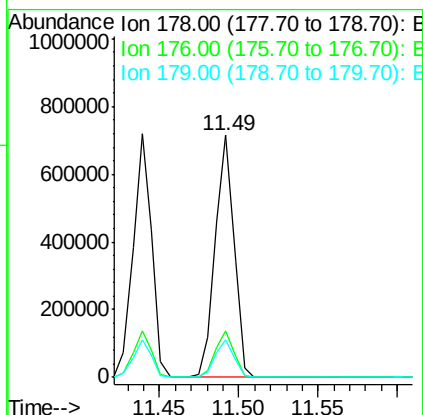
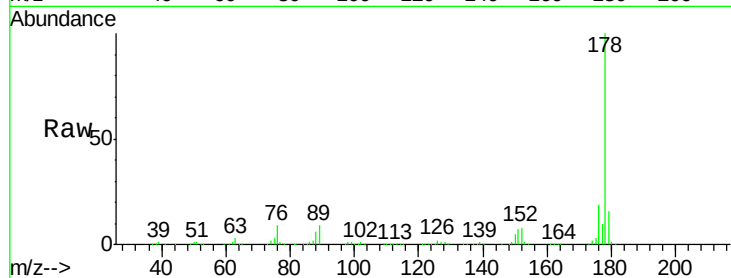




#71
 Anthracene
 Concen: 42.25 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

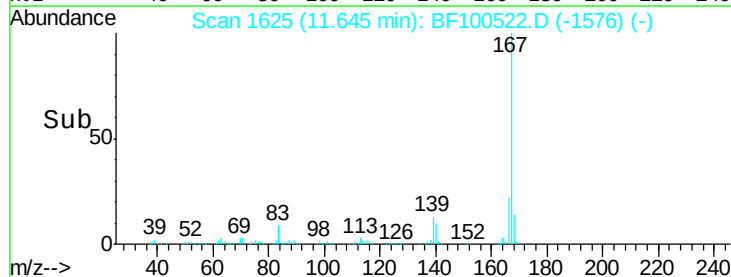
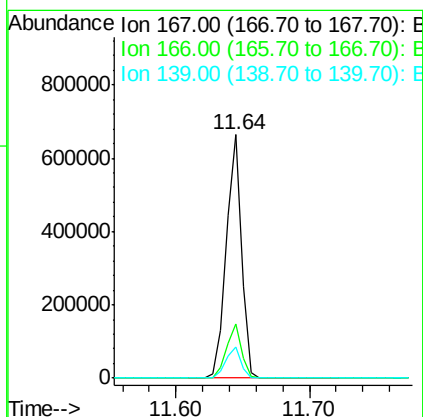
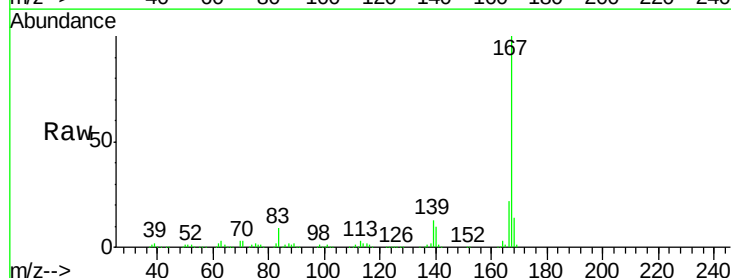
Instrument :
 BNA_F
 ClientSampled :

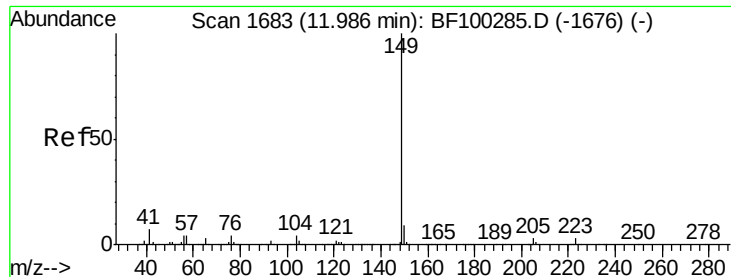
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0



#72
 Carbazole
 Concen: 41.62 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	12.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 47.24 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampleId :

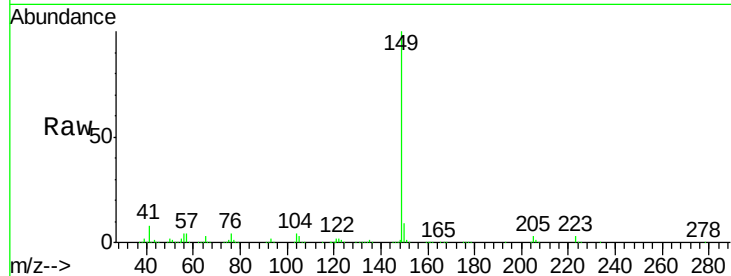
Tot Ion:149 Resp: 714778

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

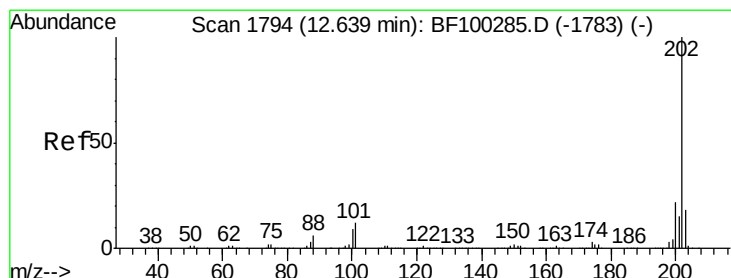
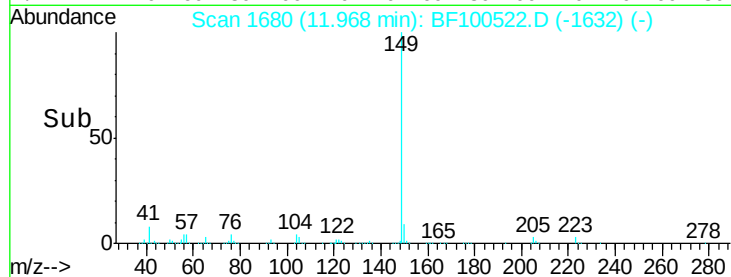
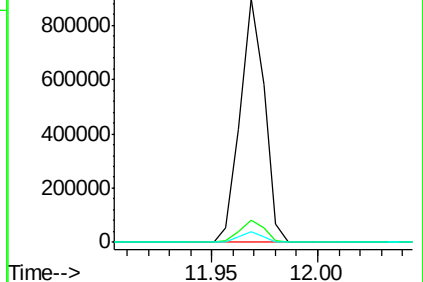
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.25 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

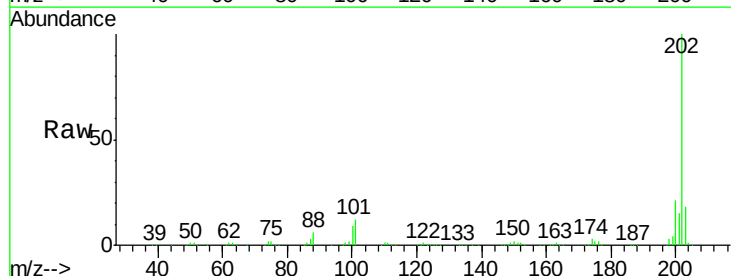
Tgt Ion:202 Resp: 647687

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

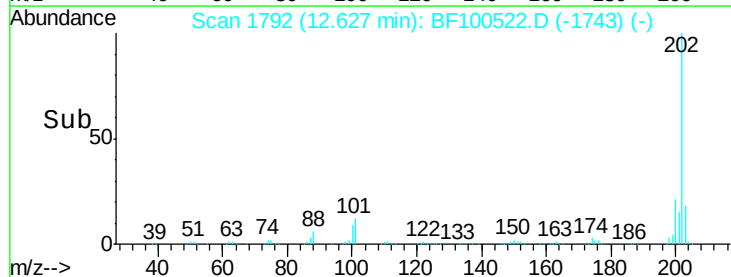
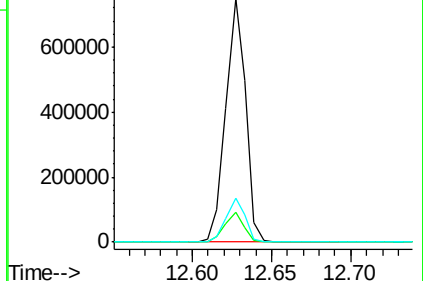
203 17.9 0.0 38.1

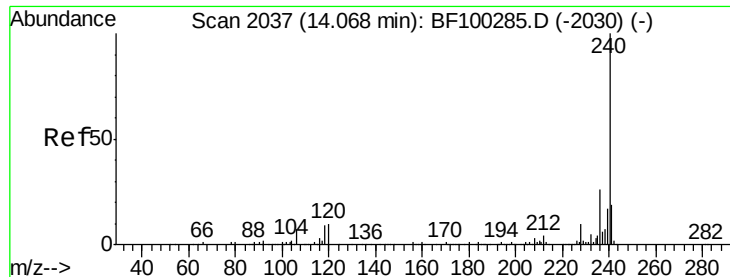


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampleId :

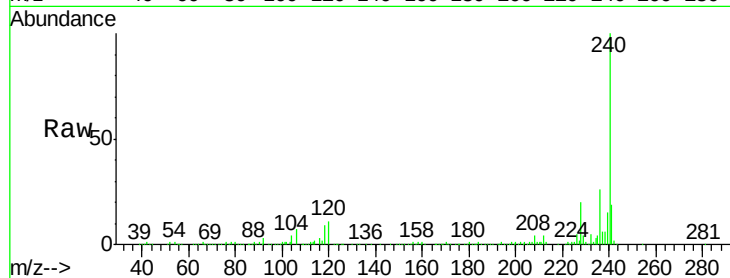
Tot Ion:240 Resp: 250725

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

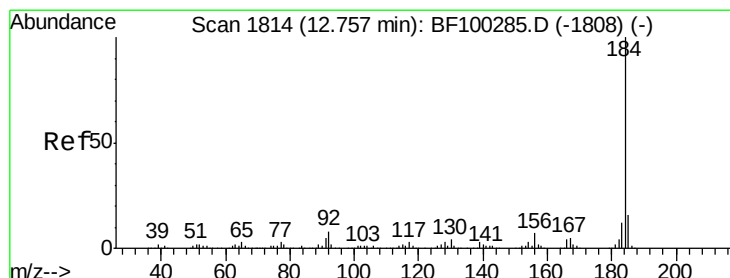
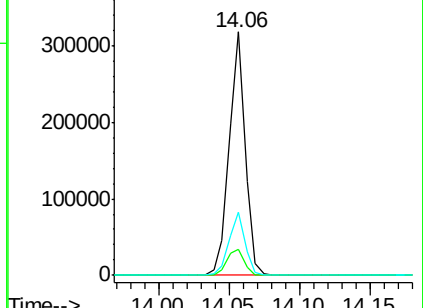
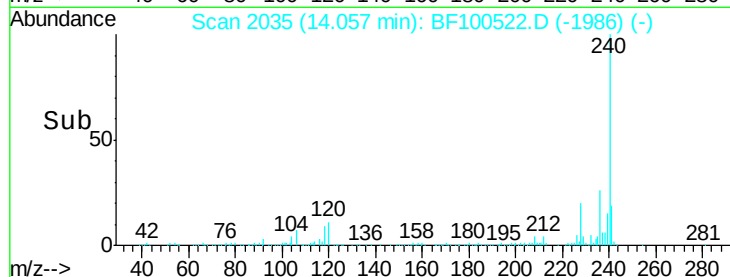
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.41 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

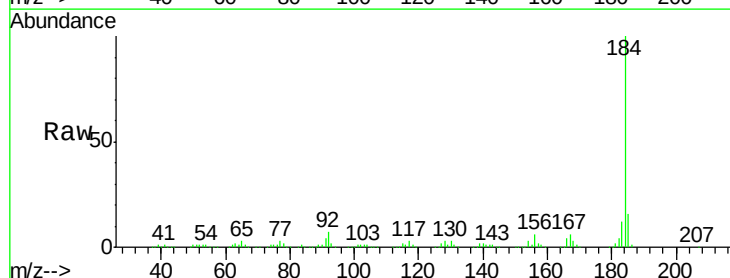
Tgt Ion:184 Resp: 395684

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

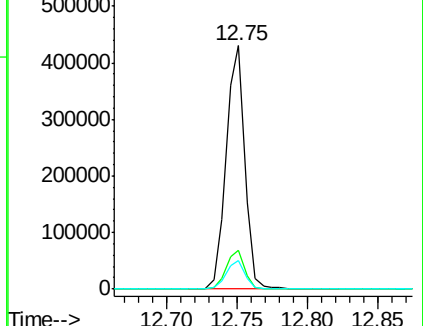
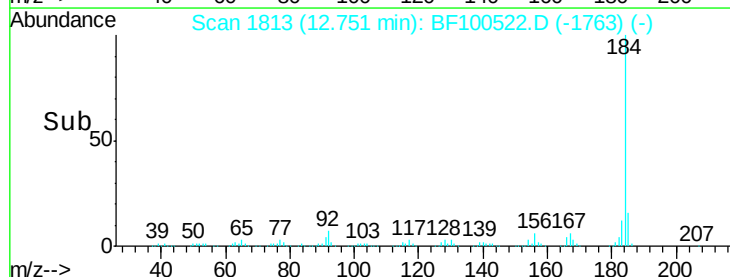
183 11.6 9.3 13.9

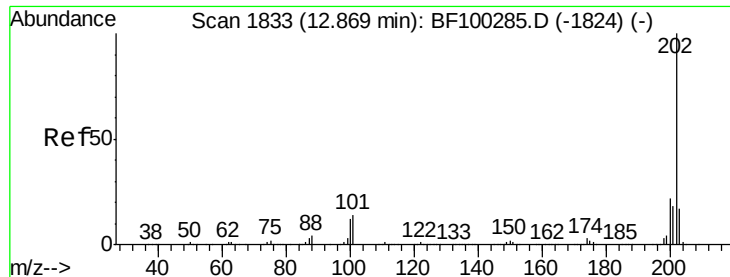


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

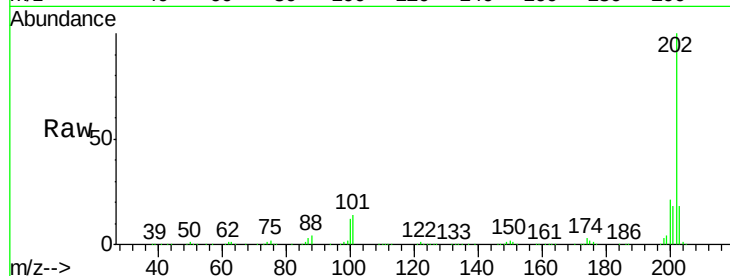




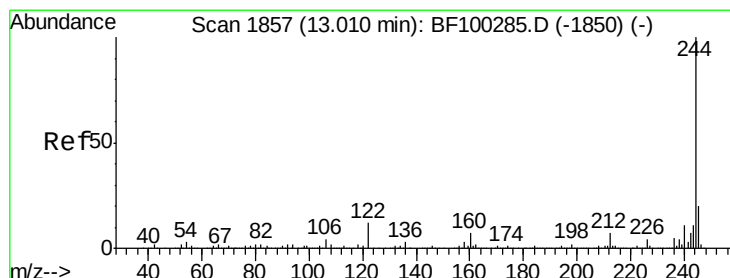
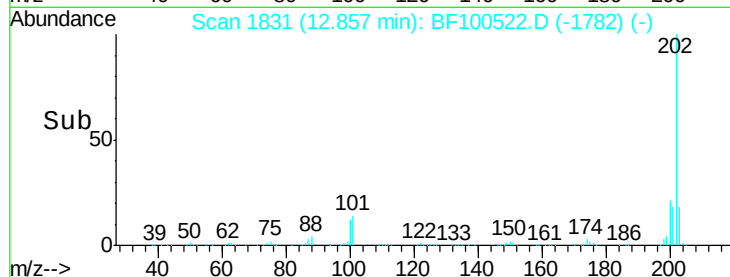
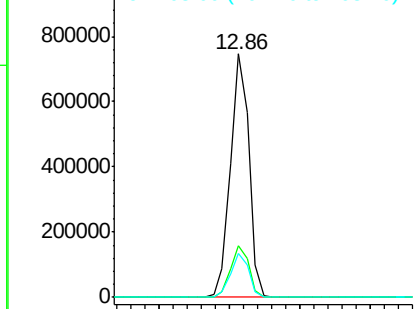
#77
Pvrene
Concen: 38.09 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.8	14.3	21.5

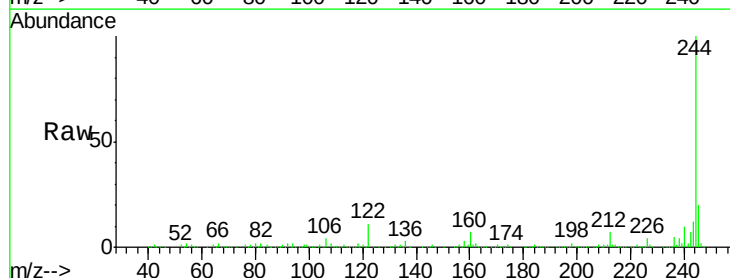


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

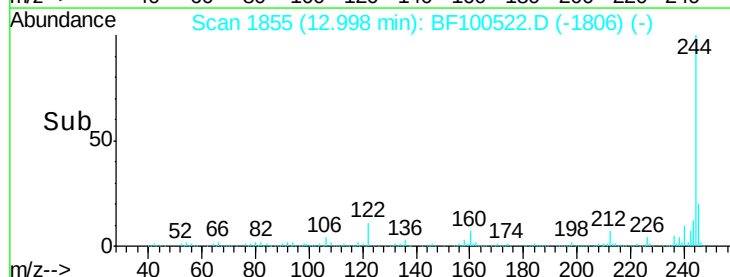
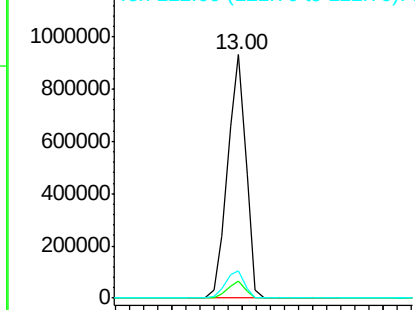


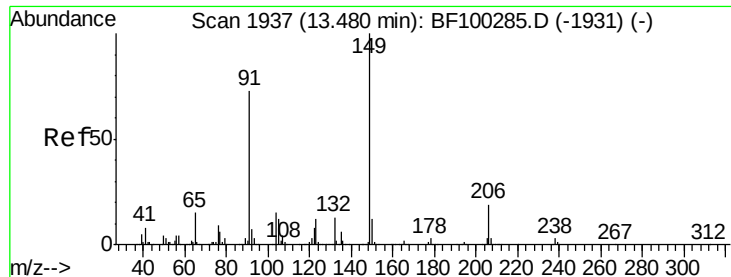
#78
Terphenyl-d14
Concen: 76.80 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.3	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

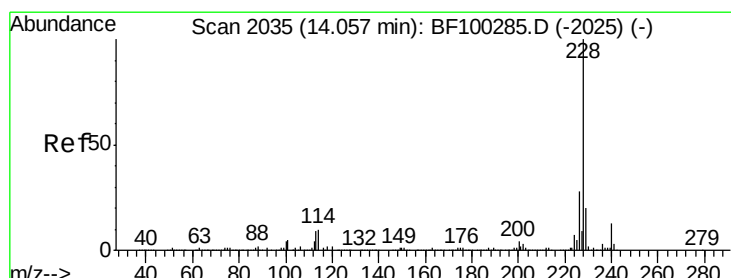
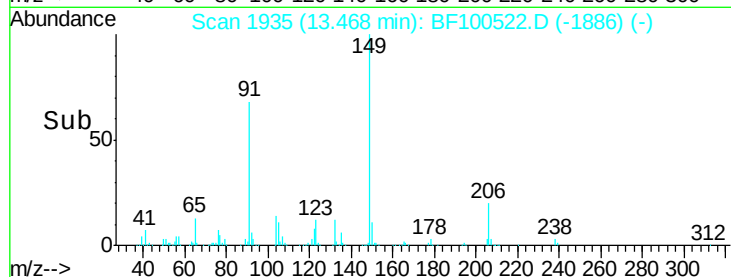
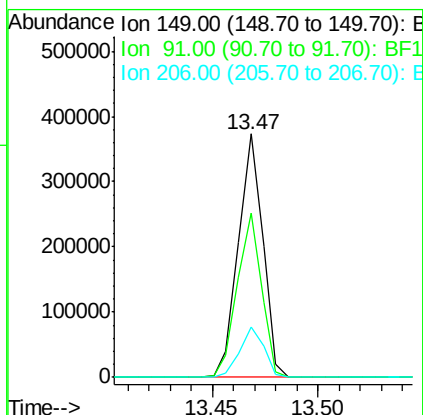
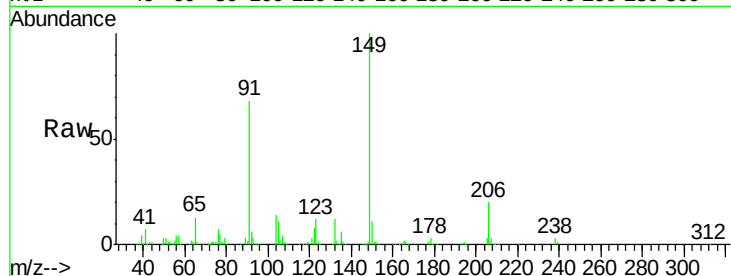




#79
Butylbenzylphthalate
Concen: 40.93 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

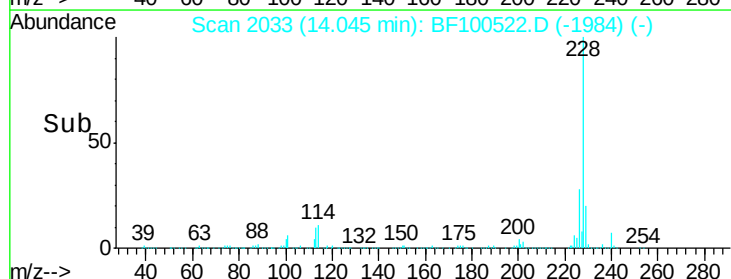
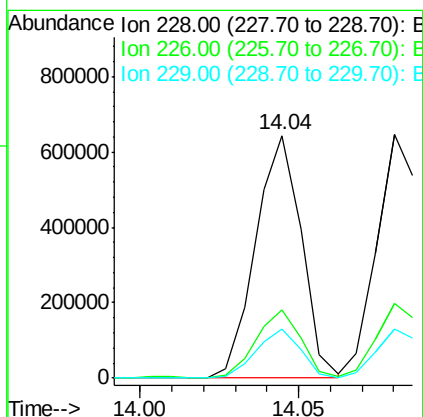
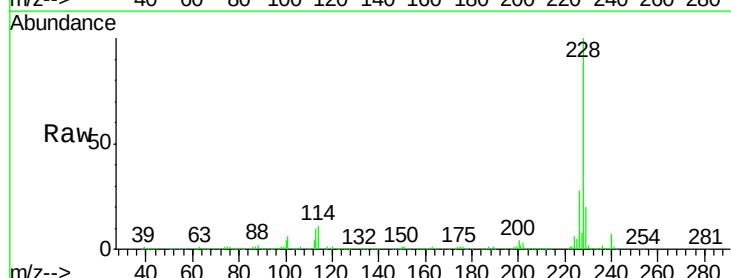
Instrument :
BNA_F
ClientSampled :

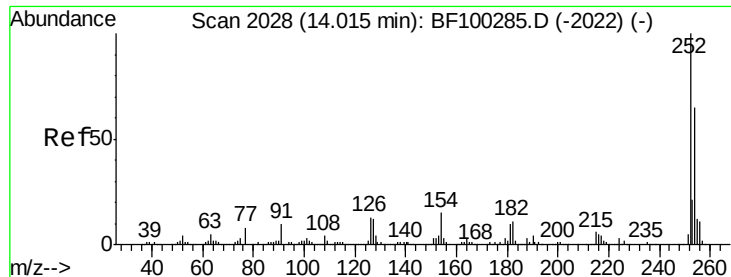
Tot Ion:149 Resp: 298311
Ion Ratio Lower Upper
149 100
91 67.7 56.8 85.2
206 20.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.72 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion:228 Resp: 645081
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.3 15.8 23.6

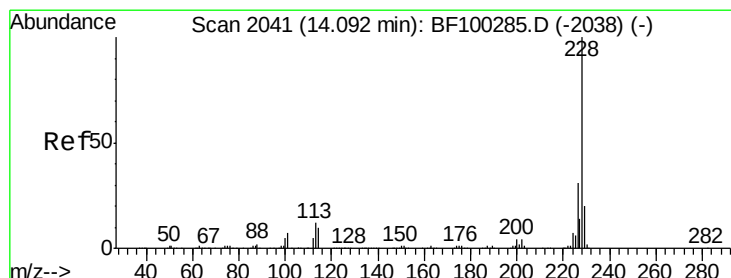
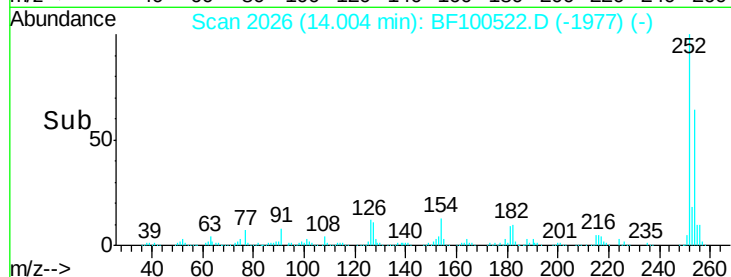
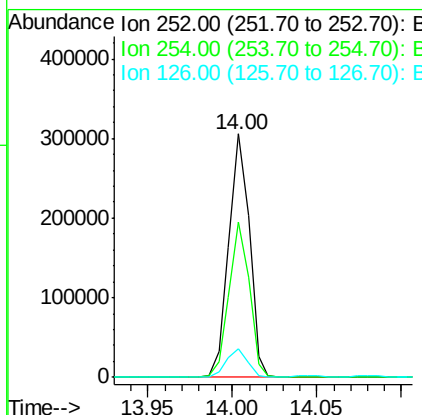
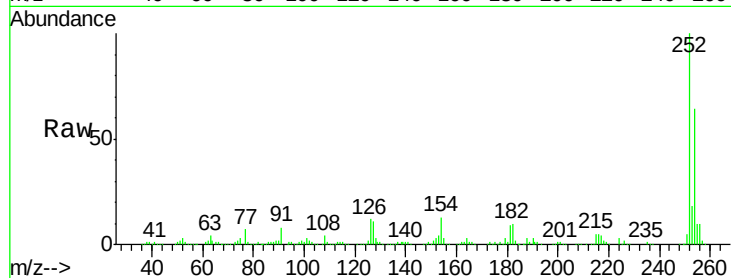




#81
 3,3'-Dichlorobenzidine
 Concen: 48.21 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

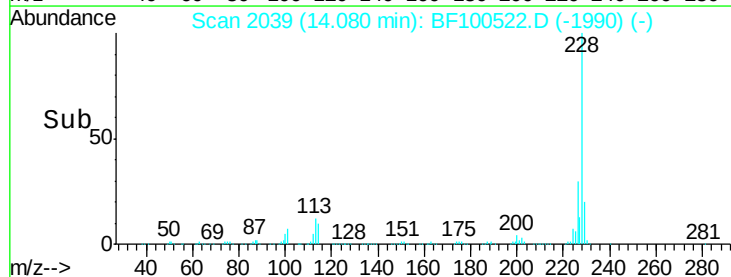
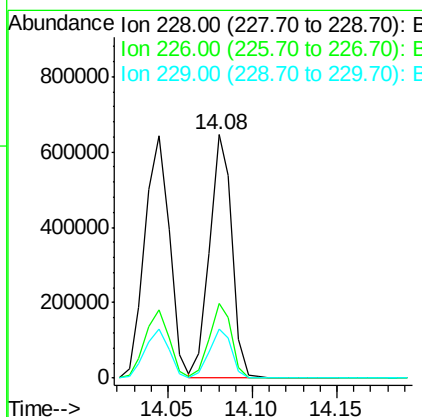
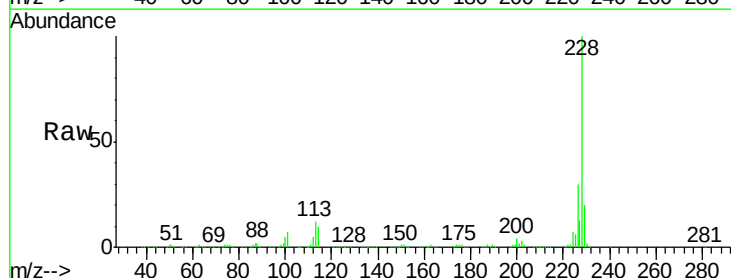
Instrument :
 BNA_F
 ClientSampleId :

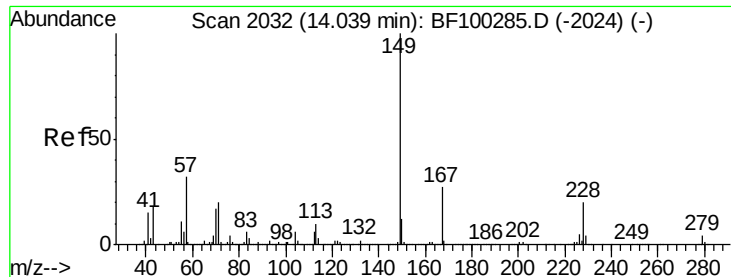
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	11.5	11.3	16.9



#82
 Chrysene
 Concen: 41.11 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.0	16.2	24.4

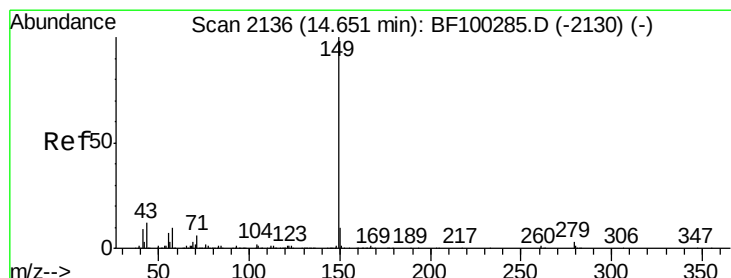
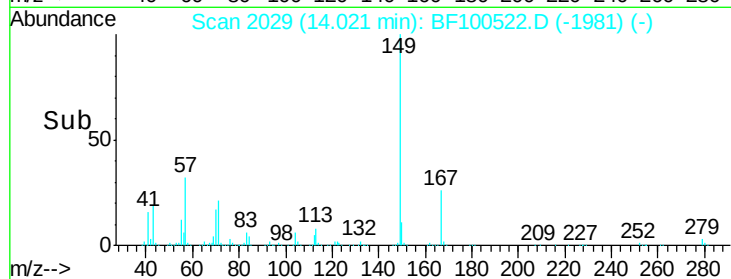
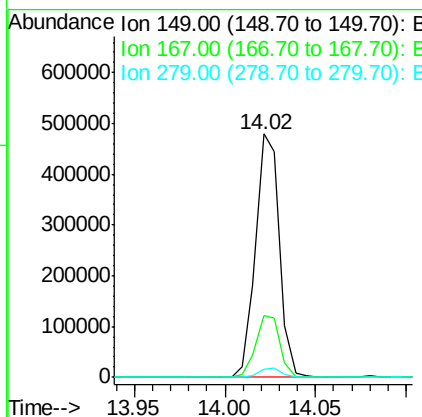
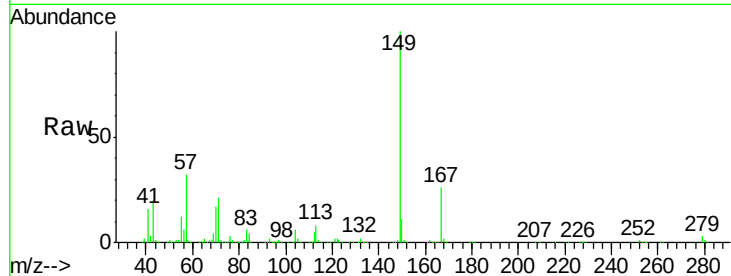




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.64 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

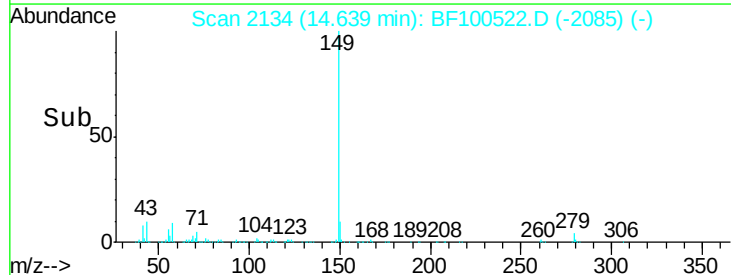
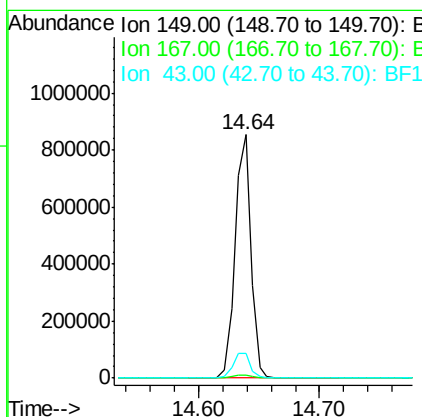
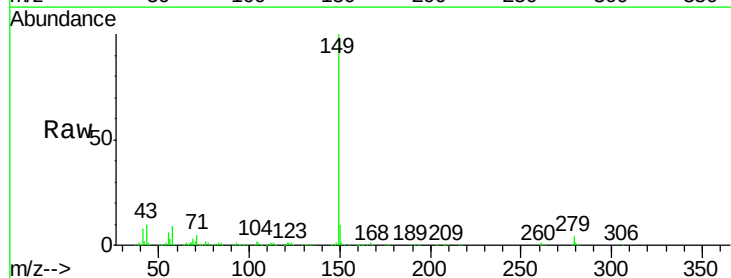
Instrument :
 BNA_F
 ClientSampleId :

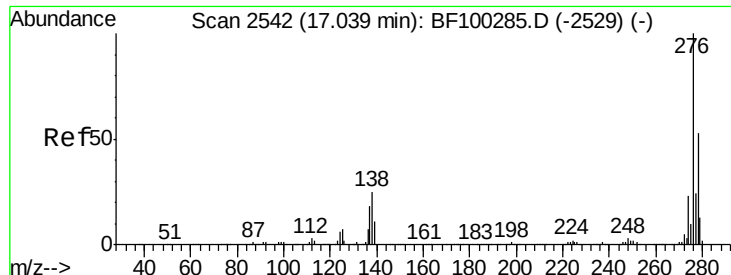
Tot Ion:149 Resp: 437565
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 47.36 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Tgt Ion:149 Resp: 779987
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.1 8.4 12.6

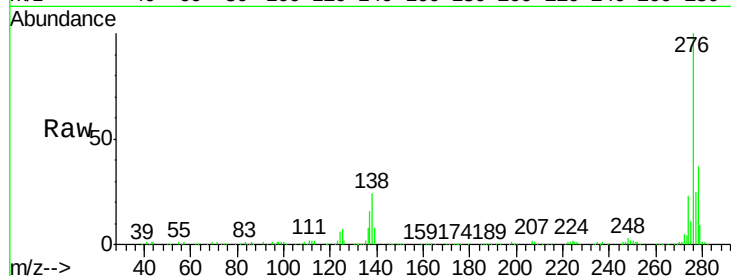




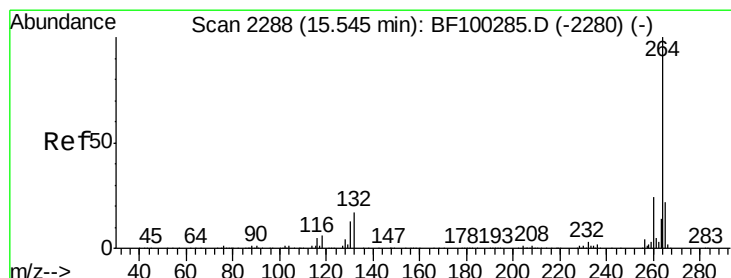
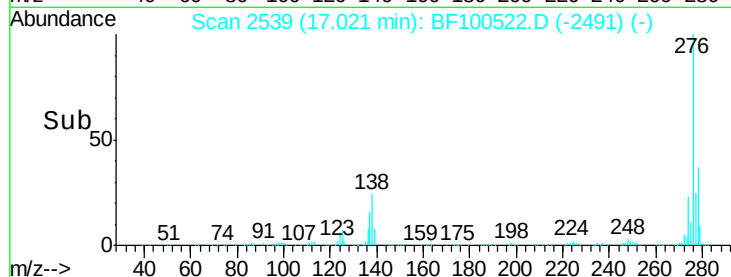
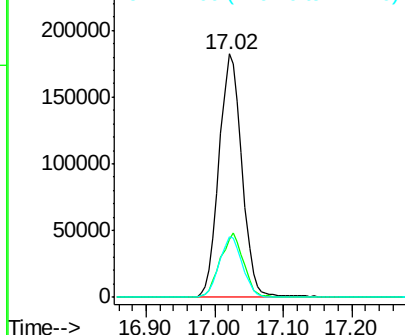
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.90 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.0	37.6
277	25.3	20.1	30.1

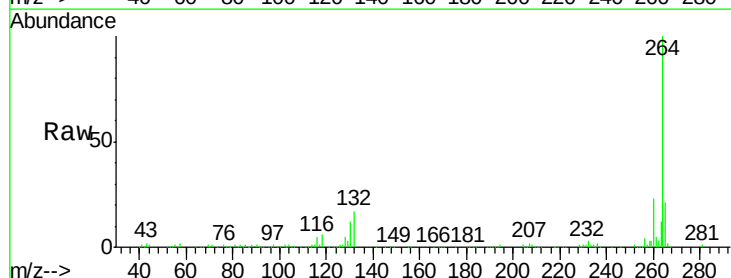


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

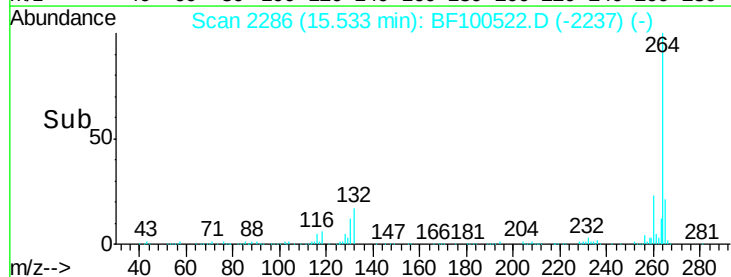
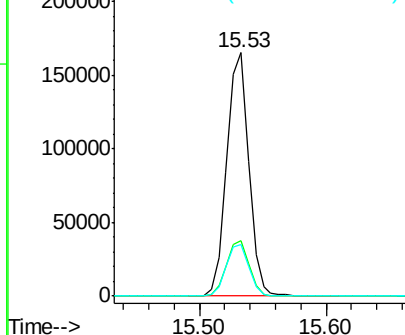


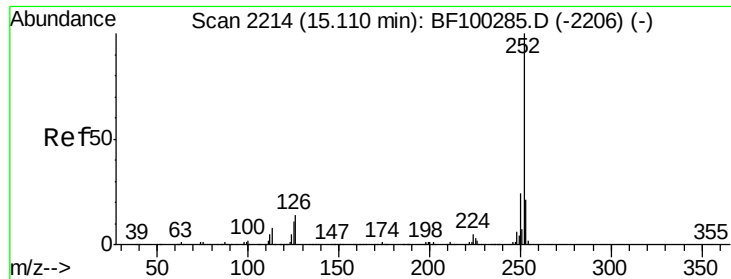
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

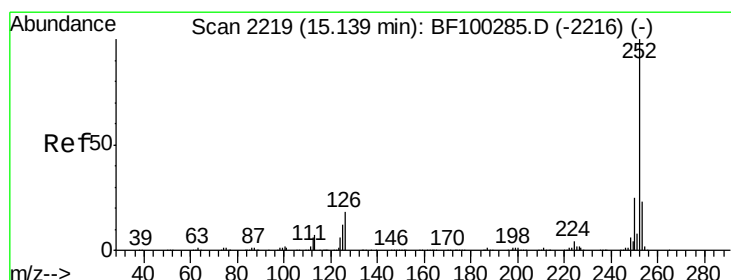
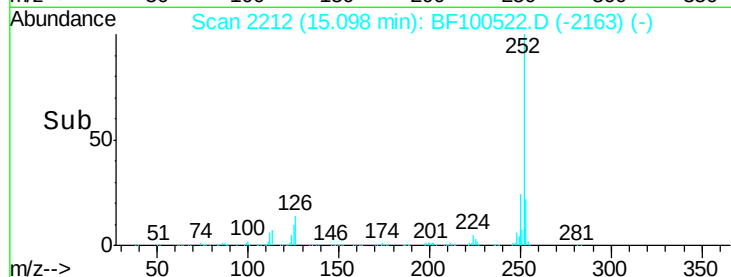
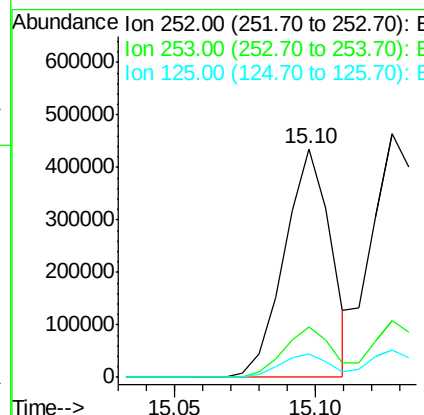
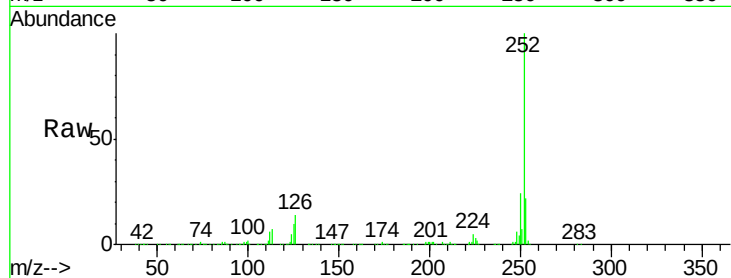




#87
Benzo(b)fluoranthene
Concen: 42.31 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

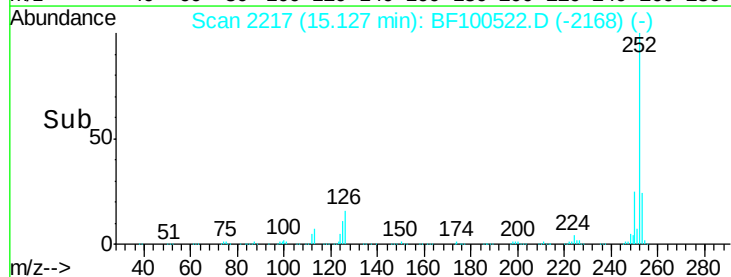
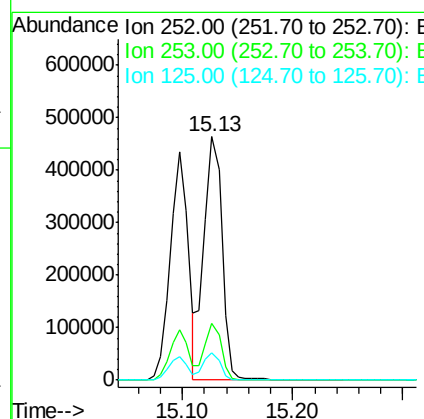
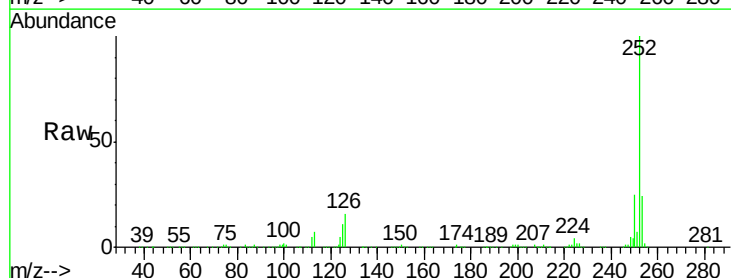
Instrument :
BNA_F
ClientSampleId :

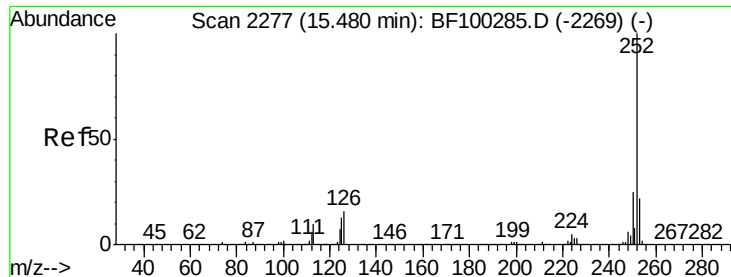
Tot Ion:252 Resp: 497836
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.47 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF100522.D
Acq: 14 Nov 2017 2:52

Tgt Ion:252 Resp: 516579
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.55 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

Instrument :

BNA_F

ClientSampleId :

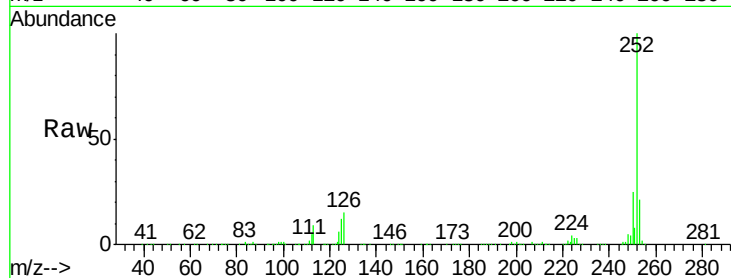
Tot Ion:252 Resp: 443794

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

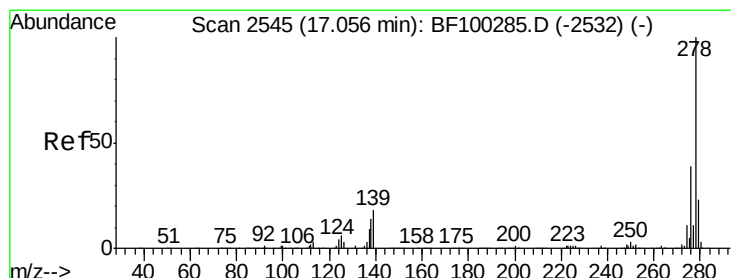
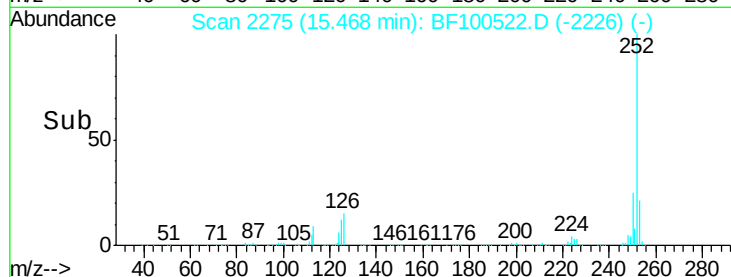
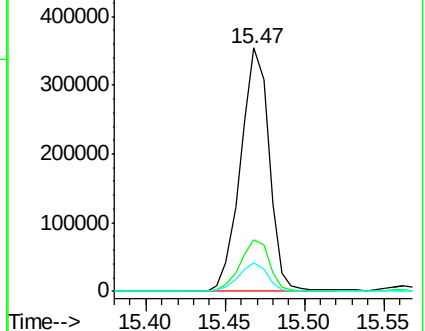
125 11.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.42 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.02 min

Lab File: BF100522.D

Acq: 14 Nov 2017 2:52

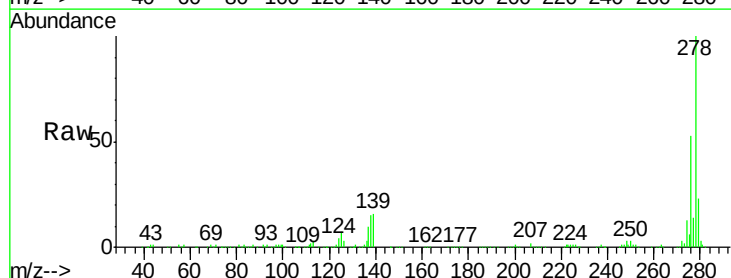
Tgt Ion:278 Resp: 361885

Ion Ratio Lower Upper

278 100

139 16.2 15.9 23.9

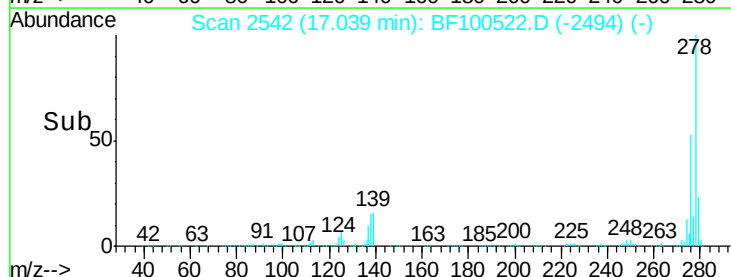
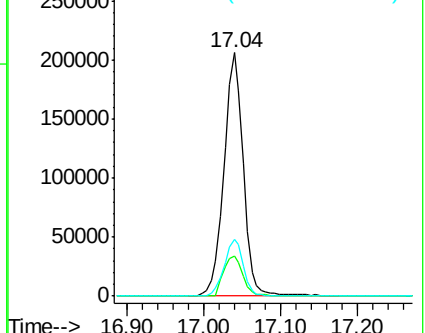
279 23.1 19.0 28.4

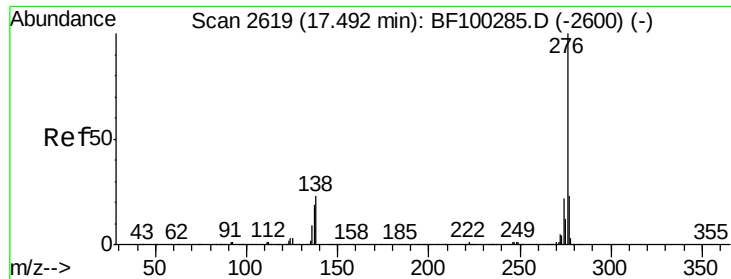


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.11 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF100522.D
 Acq: 14 Nov 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	23.4	21.8	32.8

